

Converting Colors

XYZ(79.8563, 79.6603, 78.1849)

Have a look what the booklet for
XYZ(79.8563, 79.6603, 78.1849)
contains.

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Color

**XYZ(79.8563, 79.6603,
78.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE1DB
RGB	252, 225, 219
RGB Percent	99%, 88%, 86%
CMY	0.0118, 0.1176, 0.1412
CMYK	0.00, 0.11, 0.13, 0.01
HSL	11°, 85%, 92%
HSV	11°, 13%, 99%
XYZ	79.8563, 79.6603, 78.1849
YIQ	232.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

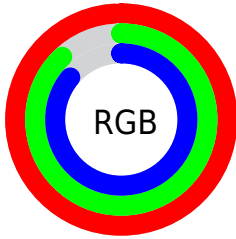
Format	Color
R _Y B	252, 226, 219
Decimal	16572891
CIE Lab	91.53, 8.30, 6.31
CIE LCh	92, 10.424, 37.217
Yxy	79.6603, 0.3360, 0.3351
Android (android.graphics.Color)	4294762971 (0xFFFC E1DB)
YUV	232.3890, -6.6008, 17.1988
Hunter-Lab	89.2526, 3.5158, 10.5391

Details

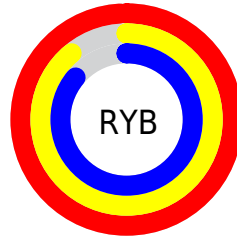
The XYZ color **79.8563, 79.6603, 78.1849** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7396, 87.9982, 104.8790**, and the grayscale version is **77.0334, 81.0452, 88.2582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5812, 43.0319, 41.1310** is the 20% darker color. If you saturate the color by 10%, you get **71.5465, 67.9536, 60.2676**, and if you desaturate by 10%, it is **89.3456, 92.9207, 98.9751**.

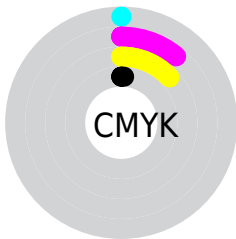
Distribution



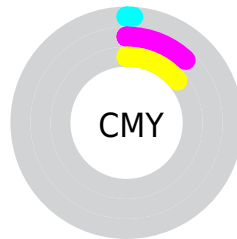
- Red (99%)
- Green (88%)
- Blue (86%)



- Red (99%)
- Yellow (89%)
- Blue (86%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (1%)




- Cyan (1%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8563, 79.6603, 78.1849 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.8563, 79.6603, 78.1849 by changing the saturation by 10% instead.


 79.8563, 79.6603,
78.1849

 79.8563, 79.6603,
78.1849


483.1923,
493.7873, 508.3391

 59.9082, 59.4389,
57.7085


132.1153,
132.8880, 132.5990

 43.5938, 42.9665,
41.1612


165.1568,
166.6631, 167.3738

 30.5478, 29.8588,
28.1244


203.2935,
205.7248, 207.7518

 20.4049, 19.7315,
18.1796

246.8908,
250.4576, 254.1516

 12.7997, 12.2000,
10.9082

296.3140,
301.2459, 306.9916

 7.3668, 6.8800,
5.8918

351.9284,

 3.7409, 3.3872,

358.4740, 366.6906

2.7117

414.0994,
422.5263, 433.6669

■ 1.5566, 1.3371,
0.9493

■ 0.3639, 0.1696,
0.0000

■ 79.8563, 79.6603,
78.1849

■ 79.8563, 79.6603,
78.1849

■ 71.5465, 67.9536,
60.2676

■ 89.3456, 92.9207,
98.9751

■ 64.3634, 57.7333,
45.0915

■ 93.9553, 99.4357,
108.8488

■ 58.2595, 48.9427,
32.5225

■ 53.1818, 41.5174,
22.4130

■ 49.0722, 35.3882,
14.6004

■ 45.8671, 30.4795,
8.9027

■ 43.4944, 26.7078,
5.1100

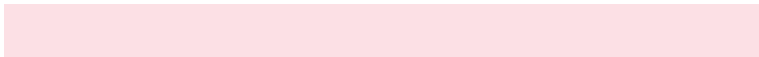
■ 41.8700, 23.9782,
2.9684

■ 41.1165, 22.6381,
2.2025

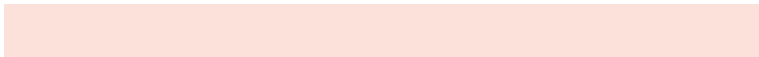
Harmonies

Analogous

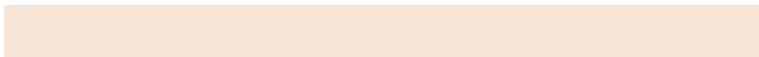
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8968, 79.6603, 84.9115



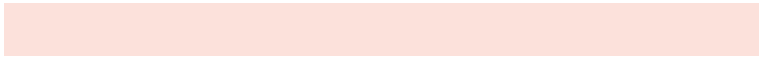
79.8563, 79.6603, 78.1849



77.7103, 79.6603, 73.9345

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8563, 79.6603, 78.1849



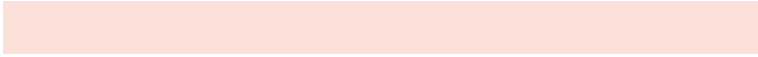
71.1017, 79.6603, 81.1933



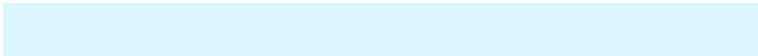
76.3583, 79.6603, 102.0761

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



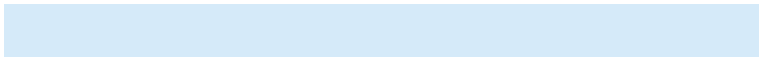
79.8563, 79.6603, 78.1849



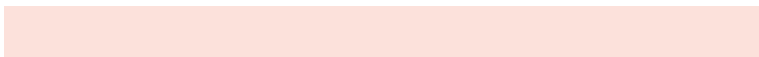
79.7396, 87.9982, 104.8790

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7536, 79.6603, 100.9371



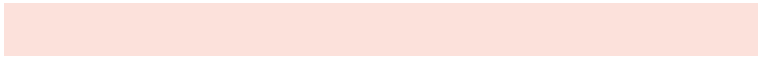
79.8563, 79.6603, 78.1849



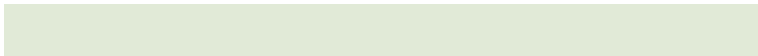
70.7588, 79.6603, 88.5875

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8563, 79.6603, 78.1849



72.6667, 79.6603, 75.5992



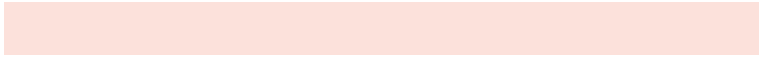
71.7189, 79.6603, 95.8900



78.8468, 79.6603, 98.9172

Rectangle

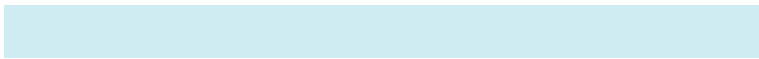
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



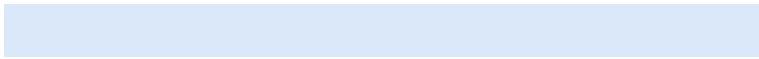
79.8563, 79.6603, 78.1849



75.9631, 79.6603, 72.9284



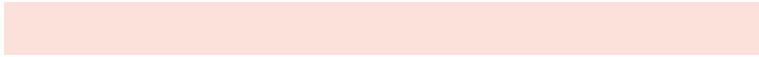
71.7189, 79.6603, 95.8900



75.4669, 79.6603, 102.1861

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.8585, 79.6638, 78.1866



90.8465, 94.1516, 99.6112



82.1888, 78.0442, 98.3249



19.2805, 19.9232, 20.9587



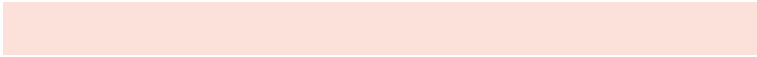
0.0000, 0.0000, 0.0000



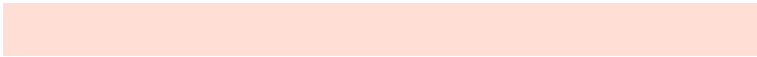
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8585, 79.6638, 78.1866



79.4246, 78.1681, 74.6542



84.3874, 88.7216, 79.6962



17.5000, 17.7359, 17.9634



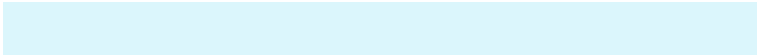
21.4935, 11.9438, 1.1725



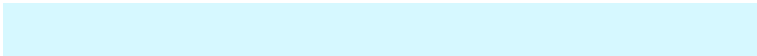
2.0580, 1.2409, 0.1311

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.7396, 87.9982, 104.8790



79.2773, 88.4208, 107.4963



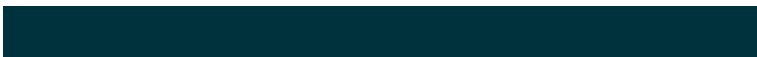
75.0820, 78.6831, 103.3265



17.4815, 19.0398, 22.1390



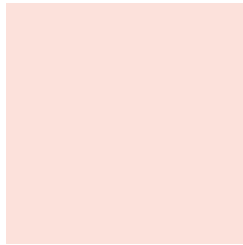
20.7688, 26.8932, 52.0698



1.9911, 2.6258, 4.8451

Previews

White Background



This preview shows how the XYZ color 79.8563, 79.6603, 78.1849 looks on a white background.

Color Contrast Check

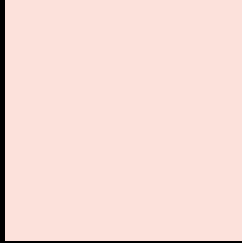
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.8563, 79.6603, 78.1849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

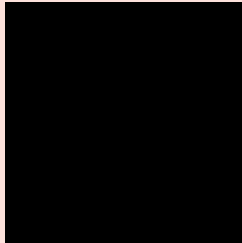
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

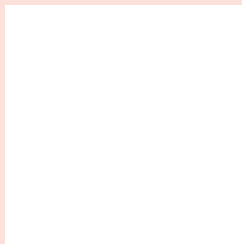
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8563, 79.6603, 78.1849

Background



This preview shows how black text looks on a background with the XYZ color 79.8563, 79.6603, 78.1849.

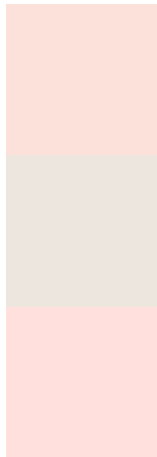


This preview shows how white text looks on a background with the XYZ color 79.8563, 79.6603,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.8563, 79.6603, 78.1849

Protanopia

76.4067, 79.8721, 80.4970

Deuteranopia

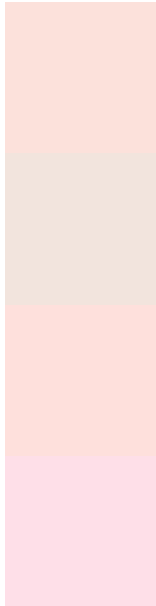
80.9468, 79.7918, 79.5416



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

79.8563, 79.6603, 78.1849

Protanomaly

77.4125, 79.5845, 79.6879

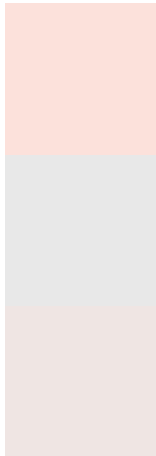
Deuteranomaly

80.4470, 79.5494, 78.8247

Tritanomaly

81.8262, 79.6724, 87.4095

Monochromacy



Original Color

79.8563, 79.6603, 78.1849

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4810, 79.9354, 84.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8563, 79.6603, 78.1849 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.8563, 79.6603, 78.1849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 225, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 225, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8563, 79.6603, 78.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
225, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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