

Converting Colors

XYZ(79.3623, 80.2308, 67.8904)

Have a look what the booklet for
XYZ(79.3623, 80.2308, 67.8904)
contains.

XYZ(79.2158, 79.9645, 67.7595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.2158, 79.9645,
67.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CB
RGB	255, 226, 203
RGB Percent	100%, 89%, 80%
CMY	0.0000, 0.1137, 0.2039
CMYK	0.00, 0.11, 0.20, 0.00
HSL	27°, 100%, 90%
HSV	27°, 20%, 100%
XYZ	79.2158, 79.9645, 67.7595
YIQ	232.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

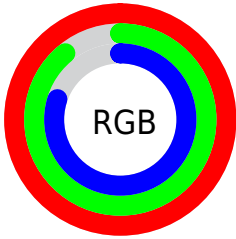
Format	Color
R_{YB}	255, 244, 203
Decimal	16769739
CIE _{Lab}	91.67, 6.45, 14.88
CIE _{LCh}	92, 16.220, 66.578
Yxy	79.9645, 0.3491, 0.3524
Android (android.graphics.Color)	4294959819 (0xFFFFE2CB)
YUV	232.0490, -14.3212, 20.1280
Hunter-Lab	89.4229, 1.6353, 17.6695

Details

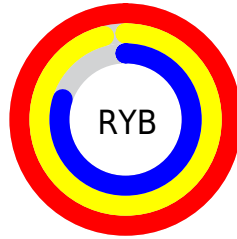
The XYZ color **79.2158, 79.9645, 67.7595** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5344, 77.6274, 105.8211**, and the grayscale version is **76.8310, 80.8322, 88.0263**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2764, 43.3015, 34.5109** is the 20% darker color. If you saturate the color by 10%, you get **72.7164, 71.4353, 51.8135**, and if you desaturate by 10%, it is **86.5397, 89.3420, 86.4481**.

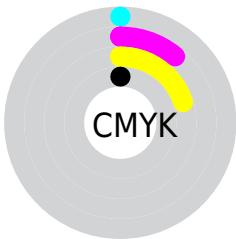
Distribution



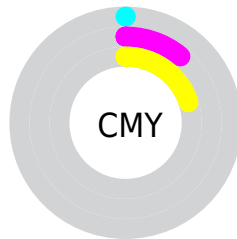
- Red (100%)
- Green (89%)
- Blue (80%)



- Red (100%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2158, 79.9645, 67.7595 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 79.2158, 79.9645, 67.7595 by changing the saturation by 10% instead.


 79.2158, 79.9645,
67.7595

 79.2158, 79.9645,
67.7595


481.0630,
494.8132, 471.2183

 59.3795, 59.6891,
49.2366


131.2189,
133.3158, 117.6590

 43.1662, 43.1681,
34.4403


164.1165,
167.1606, 149.8727

 30.2107, 30.0170,
22.9520


202.0985,
206.2972, 187.4871

 20.1474, 19.8515,
14.3531

245.5304,
251.1102, 230.9207

 12.6111, 12.2872,
8.2251

294.7774,
301.9839, 280.5921

 7.2365, 6.9396,
4.1495

350.2049,

 3.6581, 3.4243,

359.3027, 336.9198

1.7077

412.1783,
423.4510, 400.3224

■ 1.5106, 1.3571,
0.3660

■ 0.3330, 0.1848,
0.0000

■ 79.2158, 79.9645,
67.7595

■ 79.2158, 79.9645,
67.7595

■ 72.7164, 71.4353,
51.8135

■ 86.5397, 89.3420,
86.4481

■ 67.0034, 63.7186,
38.4740

94.7124, 99.5813,
107.9967

■ 62.0443, 56.7912,
27.6006

95.0500, 100.0000,
108.9000

■ 57.8016, 50.6247,
19.0374

■ 54.2342, 45.1888,
12.6109

■ 51.2957, 40.4502,
8.1219

■ 48.9321, 36.3719,
5.3333

■ 47.1244, 33.0289,
3.8915

Harmonies

Analogous

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



82.5847, 79.9645, 74.1630



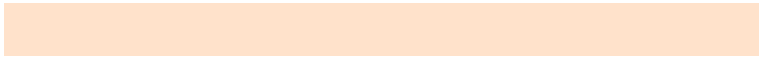
79.2158, 79.9645, 67.7595



75.0946, 79.9645, 66.3060

Triad

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



79.2158, 79.9645, 67.7595



68.3589, 79.9645, 89.7085



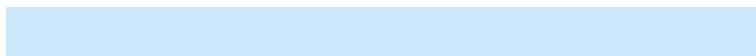
80.8524, 79.9645, 106.7118

Complementary

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



79.2158, 79.9645, 67.7595



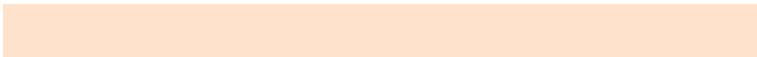
71.5344, 77.6274, 105.8211

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.



76.9204, 79.9645, 111.7655



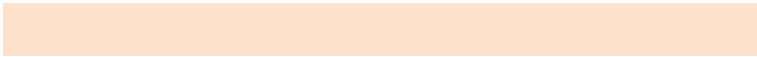
79.2158, 79.9645, 67.7595



69.7822, 79.9645, 101.3889

Square

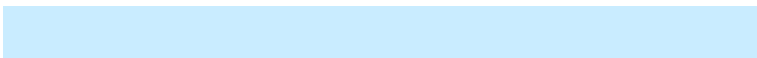
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2158, 79.9645, 67.7595



68.9234, 79.9645, 78.3071



72.8799, 79.9645, 109.7342



83.5534, 79.9645, 96.4586

Rectangle

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



79.2158, 79.9645, 67.7595



72.4938, 79.9645, 68.2100



72.8799, 79.9645, 109.7342



79.6254, 79.9645, 109.1155

Sweetspot

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



79.2178, 79.9680, 67.7612



90.0222, 93.7306, 95.5517



77.2283, 69.8255, 86.0998



19.1553, 19.9202, 20.1546



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.



79.2178, 79.9680, 67.7612



76.7787, 76.7932, 61.6971



86.6838, 94.9000, 70.2498



18.6708, 19.3097, 18.8874



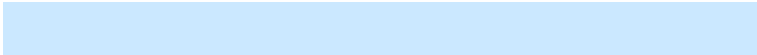
24.7667, 17.5447, 2.0811



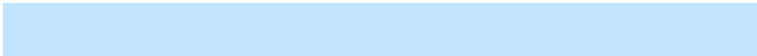
2.5182, 1.9218, 0.2382

Inverse Universe

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



71.5344, 77.6274, 105.8211



67.9695, 74.1082, 105.3297



64.8633, 64.2852, 103.5974



17.8431, 19.0578, 22.9880



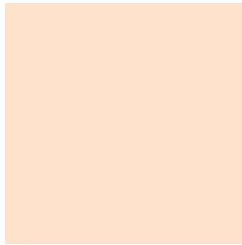
14.6517, 14.2129, 51.4057



1.5355, 1.6018, 5.0415

Previews

White Background



This preview shows how the XYZ color 79.2158, 79.9645, 67.7595 looks on a white background.

Color Contrast Check

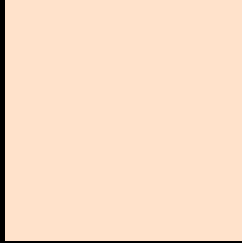
Large Text (above 18pt) WCAG AA × Fail

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 79.2158, 79.9645, 67.7595 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 79.2158, 79.9645, 67.7595

Background



This preview shows how black text looks on a background with the XYZ color 79.2158, 79.9645, 67.7595.



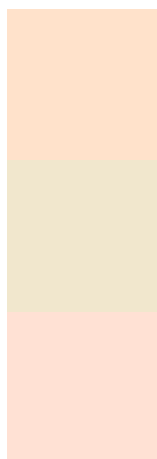
This preview shows how white text looks on a background with the XYZ color 79.2158, 79.9645,

67.7595.

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

79.2158, 79.9645, 67.7595

Protanopia

75.8710, 80.2604, 69.2506

Deuteranopia

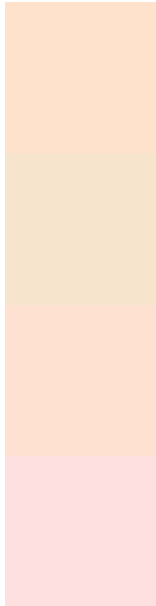
80.0489, 79.8639, 73.4836



Tritanopia

82.9137, 80.1498, 91.2212

Trichromacy



Original Color

79.2158, 79.9645, 67.7595

Protanomaly

76.9244, 79.9911, 68.5122

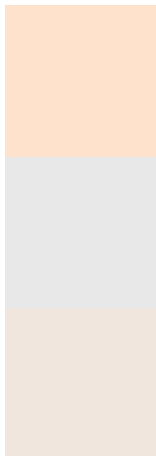
Deuteranomaly

79.6738, 79.7139, 71.5087

Tritanomaly

81.4863, 80.0076, 82.3824

Monochromacy



Original Color

79.2158, 79.9645, 67.7595

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2831, 80.3394, 79.8404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2158, 79.9645, 67.7595 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(255, 226, 203) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 203)  
}
```

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(255, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 203) }
```

Border

The CSS property to change the border of an element to XYZ 79.2158, 79.9645, 67.7595 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(255, 226, 203) }
```


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

```
.border{ border-color:rgb(255, 226, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2158, 79.9645, 67.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 203) }
```

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

```
.background{ background-color: rgb(255,  
226, 203) }
```

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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