

Converting Colors

XYZ(79.0620, 77.1276, 75.5053)

Have a look what the booklet for
XYZ(79.0620, 77.1276, 75.5053)
contains.

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Color

**XYZ(79.2279, 77.4043,
75.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD8
RGB	255, 220, 216
RGB Percent	100%, 86%, 85%
CMY	0.0000, 0.1372, 0.1529
CMYK	0.00, 0.14, 0.15, 0.00
HSL	6°, 100%, 92%
HSV	6°, 15%, 100%
XYZ	79.2279, 77.4043, 75.7305
YIQ	230.0090, 22.1440, 6.1760

Conversions

Conversions Part 2

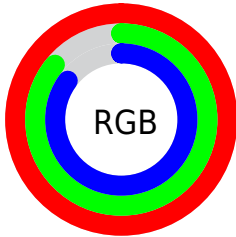
Format	Color
R _Y B	255, 220, 216
Decimal	16768216
CIE Lab	90.51, 11.48, 6.43
CIE LCh	91, 13.158, 29.265
Yxy	77.4043, 0.3410, 0.3331
Android (android.graphics.Color)	4294958296 (0xFFFFDCD8)
YUV	230.0090, -6.9064, 21.9171
Hunter-Lab	87.9797, 6.7791, 10.5506

Details

The XYZ color **79.2279, 77.4043, 75.7305** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8651, 90.8106, 107.8739**, and the grayscale version is **75.2601, 79.1795, 86.2264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1769, 41.4892, 39.4508** is the 20% darker color. If you saturate the color by 10%, you get **70.5838, 64.9888, 57.8270**, and if you desaturate by 10%, it is **89.2092, 91.6749, 96.6056**.

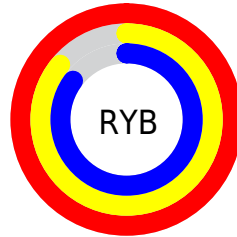
Distribution



Red (100%)

Green (86%)

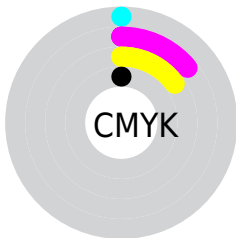
Blue (85%)



Red (100%)

Yellow (86%)

Blue (85%)

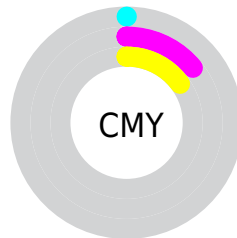


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2279, 77.4043, 75.7305 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 79.2279, 77.4043, 75.7305 by changing the saturation by 10% instead.


 79.2279, 77.4043,
75.7305

 79.2279, 77.4043,
75.7305


481.1032,
486.1414, 499.7469

 59.3895, 57.5848,
55.7062


131.2359,
129.7100, 129.1025

 43.1743, 41.4749,
39.5650

164.1362,
162.9650, 163.2872

 30.2170, 28.6904,
26.8884


202.1211,
201.4673, 203.0293

 20.1523, 18.8467,
17.2577

245.5561,
245.6012, 248.7471

 12.6147, 11.5596,
10.2545

294.8064,
295.7512, 300.8592

 7.2389, 6.4445,
5.4602

350.2375,

 3.6596, 3.1172,

352.3016, 359.7842

2.4563

412.2146,
415.6369, 425.9406

■ 1.5114, 1.1932,
0.8169

■ 0.3336, 0.0562,
0.0000

■ 79.2279, 77.4043,
75.7305

■ 79.2279, 77.4043,
75.7305

■ 70.5838, 64.9888,
57.8270

■ 89.2092, 91.6749,
96.6056

■ 63.2148, 54.3428,
42.7555

95.0500, 100.0000,
108.9000

■ 57.0619, 45.3886,
30.3721

■ 52.0593, 38.0389,
20.5185

■ 48.1351, 32.1985,
13.0198

■ 45.2089, 27.7622,
7.6787

■ 43.1891, 24.6113,
4.2660

■ 41.9665, 22.6068,
2.4996

■ 41.6135, 22.0070,
2.0545

Harmonies

Analogous

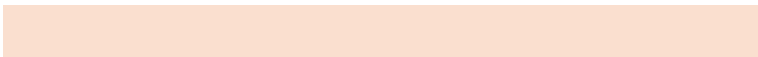
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0786, 77.4043, 84.5127



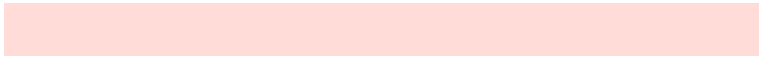
79.2279, 77.4043, 75.7305



76.8509, 77.4043, 69.6477

Triad

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



79.2279, 77.4043, 75.7305



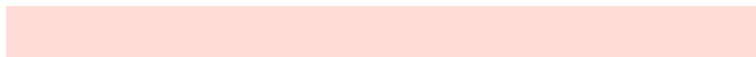
68.2661, 77.4043, 75.3564



73.4894, 77.4043, 103.7238

Complementary

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



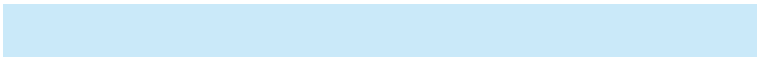
79.2279, 77.4043, 75.7305



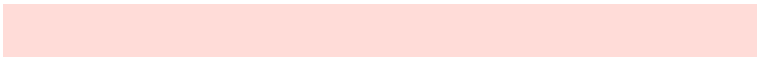
80.8651, 90.8106, 107.8739

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.



70.3848, 77.4043, 100.8305



79.2279, 77.4043, 75.7305



67.4248, 77.4043, 84.0480

Square

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



79.2279, 77.4043, 75.7305



70.5213, 77.4043, 69.4434



68.1890, 77.4043, 93.4502



76.7063, 77.4043, 101.0926

Rectangle

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



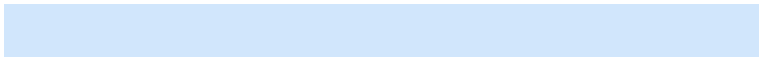
79.2279, 77.4043, 75.7305



74.7550, 77.4043, 67.7045



68.1890, 77.4043, 93.4502



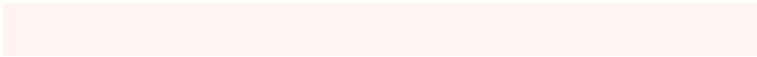
72.3985, 77.4043, 103.3618

Sweetspot

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



79.2297, 77.4076, 75.7321



89.5228, 92.1223, 97.2644



83.2247, 77.3439, 101.8920



19.0013, 19.4893, 20.4819



0.0000, 0.0000, 0.0000



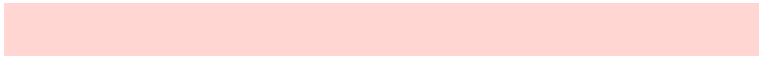
20.3446, 21.4041, 23.3091

Same Dimension

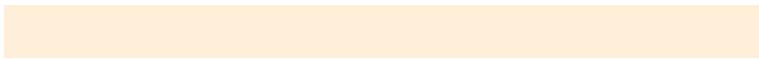
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2297, 77.4076, 75.7321



76.7604, 73.8671, 70.5986



84.6188, 88.1858, 77.5285



18.1594, 18.2870, 18.7170



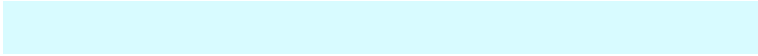
21.7926, 11.5965, 1.0897



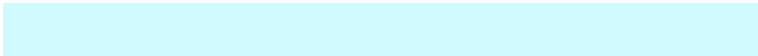
2.1692, 1.2237, 0.1219

Inverse Universe

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



80.8651, 90.8106, 107.8739



78.6476, 89.3394, 107.7068



75.1138, 79.3080, 105.9568



18.3861, 20.1438, 23.1690



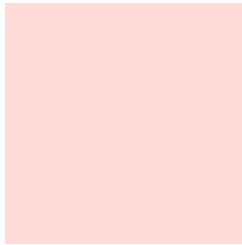
24.1101, 33.1299, 54.5586



2.3915, 3.3138, 5.3268

Previews

White Background



This preview shows how the XYZ color 79.2279, 77.4043, 75.7305 looks on a white background.

Color Contrast Check

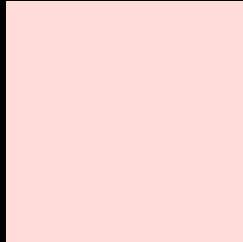
Large Text (above 18pt) WCAG AA × Fail

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 79.2279, 77.4043, 75.7305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

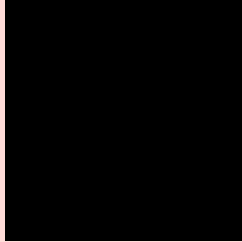
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

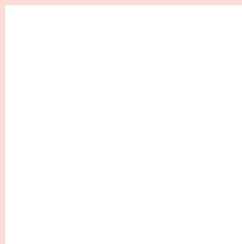
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2279, 77.4043, 75.7305

Background



This preview shows how black text looks on a background with the XYZ color 79.2279, 77.4043, 75.7305.



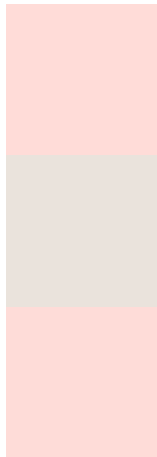
This preview shows how white text looks on a background with the XYZ color 79.2279, 77.4043,

75.7305.

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

79.2279, 77.4043, 75.7305

Protanopia

74.3190, 77.5979, 78.7710

Deuteranopia

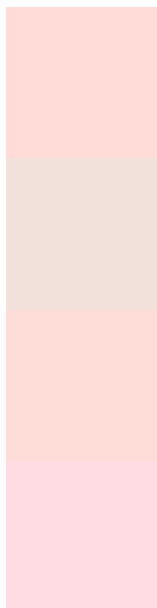
78.8609, 77.2151, 75.7133



Tritanopia

81.1627, 77.3433, 88.4929

Trichromacy



Original Color

79.2279, 77.4043, 75.7305

Protanomaly

76.0598, 77.3030, 77.9300

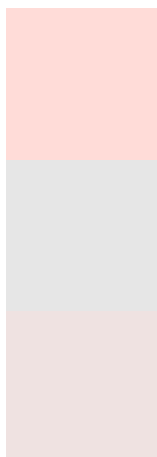
Deuteranomaly

78.8609, 77.2151, 75.7133

Tritanomaly

80.4366, 77.4691, 83.3866

Monochromacy



Original Color

79.2279, 77.4043, 75.7305

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.3836, 78.1797, 82.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2279, 77.4043, 75.7305 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, 220, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 216)  
}
```

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, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 216) }
```

Border

The CSS property to change the border of an element to XYZ 79.2279, 77.4043, 75.7305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

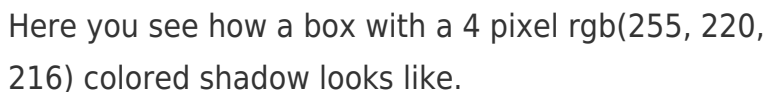
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 220, 216) }
```


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

```
.border{ border-color:rgb(255, 220, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 216); box-shadow:4px 4px 4px 4px rgb(255, 220, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2279, 77.4043, 75.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 216) }
```

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

```
.background{ background-color: rgb(255,  
220, 216) }
```

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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