

Converting Colors

XYZ(98.0303, 85.3980, 82.1599)

Have a look what the booklet for
XYZ(98.0303, 85.3980, 82.1599)
contains.

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Color

**XYZ(79.2504, 75.7536,
80.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E0
RGB	255, 216, 224
RGB Percent	100%, 85%, 88%
CMY	0.0000, 0.1529, 0.1216
CMYK	0.00, 0.15, 0.12, 0.00
HSL	348°, 100%, 92%
HSV	348°, 15%, 100%
XYZ	79.2504, 75.7536, 80.9660
YIQ	228.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

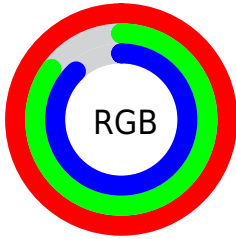
Format	Color
R _Y B	255, 216, 224
Decimal	16767200
CIE Lab	89.74, 14.81, 1.12
CIE LCh	90, 14.852, 4.342
Yxy	75.7536, 0.3358, 0.3210
Android (android.graphics.Color)	4294957280 (0xFFFFD8E0)
YUV	228.5730, -2.2545, 23.1765
Hunter-Lab	87.0365, 10.2177, 5.7709

Details

The XYZ color **79.2504, 75.7536, 80.9660** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8700, 92.8356, 101.6562**, and the grayscale version is **74.1695, 78.0321, 84.9770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1950, 40.3601, 43.0498** is the 20% darker color. If you saturate the color by 10%, you get **70.6300, 62.6533, 65.3278**, and if you desaturate by 10%, it is **89.2160, 91.0190, 98.6717**.

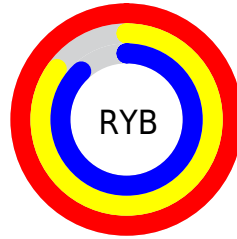
Distribution



Red (100%)

Green (85%)

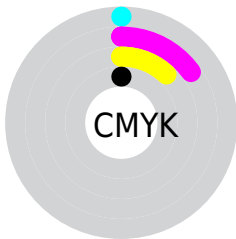
Blue (88%)



Red (100%)

Yellow (85%)

Blue (88%)

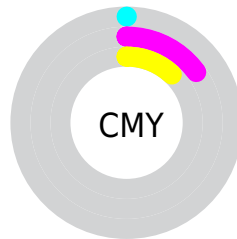


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2504, 75.7536, 80.9660 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 79.2504, 75.7536, 80.9660 by changing the saturation by 10% instead.


 79.2504, 75.7536,
80.9660

 79.2504, 75.7536,
80.9660

481.1781,
480.5038, 517.9747

 59.4080, 56.2305,
59.9828


131.2674,
127.3785, 136.5467

 43.1893, 40.3877,
42.9795


164.1727,
160.2492, 171.9812

 30.2288, 27.8410,
29.5378

202.1631,
198.3377, 213.0699

 20.1613, 18.2058,
19.2389

245.6039,
242.0287, 260.2313

 12.6213, 11.0979,
11.6645

294.8604,
291.7064, 313.8839

 7.2435, 6.1327,
6.3959

350.2981,

 3.6625, 2.9259,

347.7552, 374.4463

3.0146

412.2822,
410.5595, 442.3371

■ 1.5130, 1.0932,
1.1021

■ 0.3347, 0.0000,
0.0000

■ 79.2504, 75.7536,
80.9660

■ 79.2504, 75.7536,
80.9660

■ 70.6300, 62.6533,
65.3278

■ 89.2160, 91.0190,
98.6717

■ 63.2913, 51.6105,
51.6764

95.0500, 100.0000,
108.9000

■ 57.1737, 42.5232,
39.9327

■ 52.2096, 35.2766,
30.0105

■ 48.3243, 29.7440,
21.8165

■ 45.4347, 25.7824,
15.2494

■ 43.4443, 23.2256,
10.1961

■ 42.2364, 21.8690,
6.5280

■ 41.8663, 21.5105,
5.2280

Harmonies

Analogous

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



78.5342, 75.7536, 91.5226



79.2504, 75.7536, 80.9660



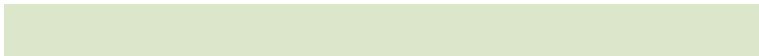
77.9709, 75.7536, 71.6256

Triad

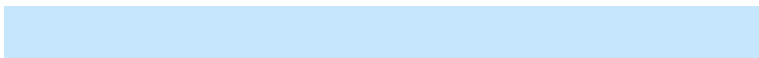
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2504, 75.7536, 80.9660



68.1034, 75.7536, 66.9331



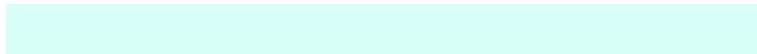
68.9966, 75.7536, 102.0200

Complementary

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



79.2504, 75.7536, 80.9660



80.8700, 92.8356, 101.6562

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.



66.3449, 75.7536, 94.3852



79.2504, 75.7536, 80.9660



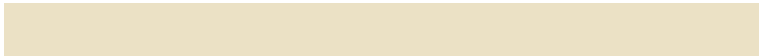
65.8415, 75.7536, 74.0587

Square

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



79.2504, 75.7536, 80.9660



71.4699, 75.7536, 63.9712



65.2087, 75.7536, 84.0184



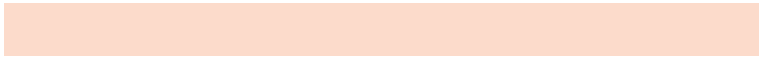
72.5357, 75.7536, 104.2598

Rectangle

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



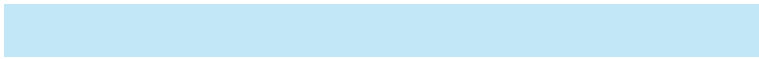
79.2504, 75.7536, 80.9660



76.1831, 75.7536, 67.1644



65.2087, 75.7536, 84.0184



67.9759, 75.7536, 99.9694

Sweetspot

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



79.2522, 75.7568, 80.9676



89.5273, 91.4975, 99.2198



80.8072, 76.0276, 105.0235



19.0024, 19.3382, 20.9551



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

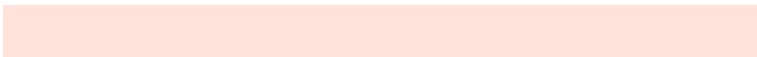
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2522, 75.7568, 80.9676



76.7869, 71.9988, 76.5311



81.1195, 81.1862, 76.3650



18.1617, 18.0480, 19.4685



21.9186, 11.2567, 2.9556



2.1712, 1.1109, 0.4832

Inverse Universe

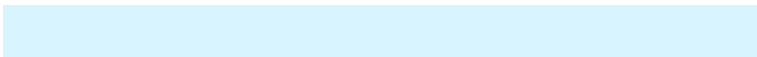
The Inverse Universe completely reimagines the original color for something new.



79.2522, 75.7568, 80.9676



76.7869, 71.9988, 76.5311



78.7069, 86.4922, 107.1541



18.1617, 18.0480, 19.4685



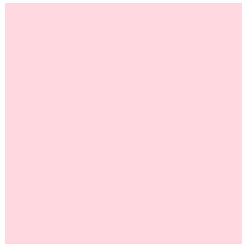
21.9186, 11.2567, 2.9556



2.1712, 1.1109, 0.4832

Previews

White Background



This preview shows how the XYZ color 79.2504, 75.7536, 80.9660 looks on a white background.

Color Contrast Check

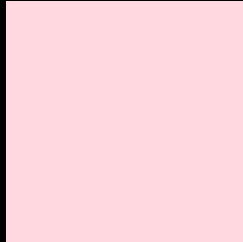
Large Text (above 18pt) WCAG AA × Fail

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 79.2504, 75.7536, 80.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

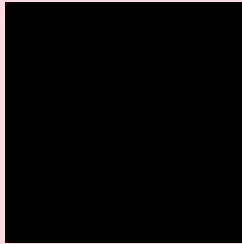
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2504, 75.7536, 80.9660

Background



This preview shows how black text looks on a background with the XYZ color 79.2504, 75.7536, 80.9660.



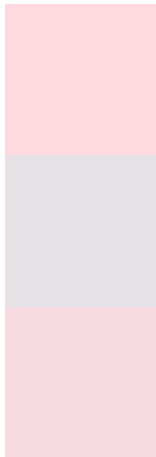
This preview shows how white text looks on a background with the XYZ color 79.2504, 75.7536,

80.9660.

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

79.2504, 75.7536, 80.9660

Protanopia

73.3812, 76.1656, 84.9626

Deuteranopia

77.4975, 76.0013, 81.1062



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

79.2504, 75.7536, 80.9660

Protanomaly

75.2463, 75.9657, 83.3700

Deuteranomaly

78.3096, 76.0339, 81.0696

Tritanomaly

79.5440, 75.4623, 83.7720

Monochromacy



Original Color

79.2504, 75.7536, 80.9660

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.7807, 77.0345, 83.5481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2504, 75.7536, 80.9660 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, 216, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 224)  
}
```

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, 216, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 224) }
```

Border

The CSS property to change the border of an element to XYZ 79.2504, 75.7536, 80.9660 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, 216, 224) }
```


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

```
.border{ border-color:rgb(255, 216, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2504, 75.7536, 80.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 224) }
```

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

```
.background{ background-color: rgb(255,  
216, 224) }
```

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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