

Converting Colors

XYZ(79.3971, 75.8719, 75.4838)

Have a look what the booklet for
XYZ(79.3971, 75.8719, 75.4838)
contains.

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Color

**XYZ(78.1905, 75.3296,
75.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8D8
RGB	255, 216, 216
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1529, 0.1529
CMYK	0.00, 0.15, 0.15, 0.00
HSL	0°, 100%, 92%
HSV	0°, 15%, 100%
XYZ	78.1905, 75.3296, 75.3847
YIQ	227.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 216, 216
Decimal	16767192
CIE Lab	89.55, 13.55, 5.05
CIE LCh	90, 14.463, 20.422
Yxy	75.3296, 0.3416, 0.3291
Android (android.graphics.Color)	4294957272 (0xFFFFD8D8)
YUV	227.6610, -5.7489, 23.9763
Hunter-Lab	86.7926, 8.9215, 9.2579

Details

The XYZ color **78.1905, 75.3296, 75.3847** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.1279, 93.3362, 108.2948**, and the grayscale version is **73.5255, 77.3545, 84.2391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4666, 40.0687, 39.2140** is the 20% darker color. If you saturate the color by 10%, you get **69.1131, 62.0476, 57.3368**, and if you desaturate by 10%, it is **88.7967, 90.8498, 96.4680**.

Distribution



Red (100%)

Green (85%)

Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)



Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1905, 75.3296, 75.3847 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 78.1905, 75.3296, 75.3847 by changing the saturation by 10% instead.


 78.1905, 75.3296,
75.3847

 78.1905, 75.3296,
75.3847


477.6435,
479.0497, 498.5294

 58.5338, 55.8830,
55.4245


129.7826,
126.7788, 128.6089

 42.4829, 40.1091,
39.3408


162.4487,
159.5502, 162.7099

 29.6723, 27.6236,
26.7151


200.1820,
197.5319, 202.3616

 19.7369, 18.0421,
17.1288

243.3478,
241.1084, 247.9826

 12.3111, 10.9802,
10.1634

292.3115,
290.6640, 299.9913

 7.0296, 6.0535,
5.4004

347.4384,

 3.5271, 2.8777,

346.5831, 358.8063

2.4213

409.0940,
409.2502, 424.8462

■ 1.4383, 1.0682,
0.7980

■ 0.2832, 0.0000,
0.0000

■ 78.1905, 75.3296,
75.3847

■ 78.1905, 75.3296,
75.3847

■ 69.1131, 62.0476,
57.3368

■ 88.7967, 90.8498,
96.4680

■ 61.4890, 50.8914,
42.1802

95.0500, 100.0000,
108.9000

■ 55.2444, 41.7536,
29.7662

■ 50.2967, 34.5137,
19.9309

■ 46.5550, 29.0383,
12.4930

■ 43.9161, 25.1766,
7.2478

■ 42.2600, 22.7530,
3.9562

■ 41.4382, 21.5502,
2.3234

■ 41.2403, 21.2607,
1.9301

Harmonies

Analogous

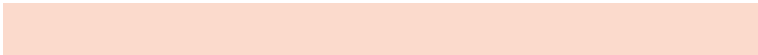
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5452, 75.3296, 85.3184



78.1905, 75.3296, 75.3847



76.0379, 75.3296, 67.8522

Triad

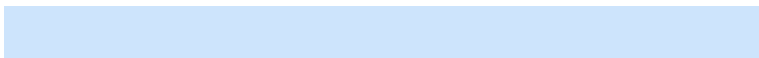
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1905, 75.3296, 75.3847



66.4632, 75.3296, 70.1813



70.4683, 75.3296, 102.8559

Complementary

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



78.1905, 75.3296, 75.3847



82.1279, 93.3362, 108.2948

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.



67.3353, 75.3296, 98.0368



78.1905, 75.3296, 75.3847



65.0740, 75.3296, 78.8099

Square

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



78.1905, 75.3296, 75.3847



69.2421, 75.3296, 65.0248



65.3879, 75.3296, 89.0360



74.0078, 75.3296, 101.7476

Rectangle

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



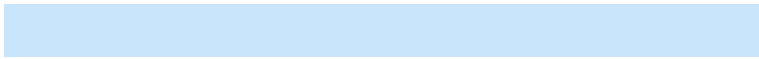
78.1905, 75.3296, 75.3847



73.9112, 75.3296, 64.9405



65.3879, 75.3296, 89.0360



69.3346, 75.3296, 101.8614

Sweetspot

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



78.1923, 75.3328, 75.3863



89.1316, 91.3399, 97.1340



83.8462, 77.5925, 105.1654



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

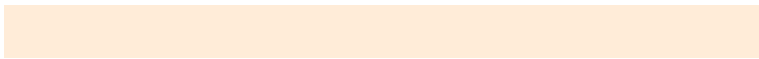
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1923, 75.3328, 75.3863



75.5874, 71.5211, 70.2076



83.4868, 85.9218, 77.1511



18.0096, 17.9874, 18.6670



21.5490, 11.1093, 1.0085



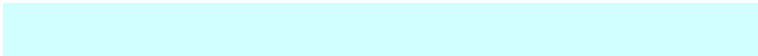
2.0982, 1.0818, 0.0982

Inverse Universe

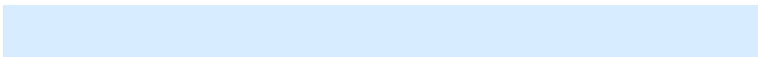
The Inverse Universe completely reimagines the original color for something new.



82.1279, 93.3362, 108.2948



80.1310, 92.3064, 108.2013



76.2212, 81.5230, 106.3260



18.5548, 20.4811, 23.2253



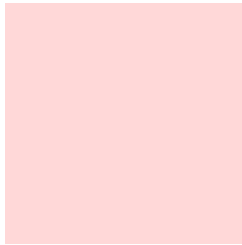
28.1119, 41.1333, 55.8925



2.7372, 4.0051, 5.4421

Previews

White Background



This preview shows how the XYZ color 78.1905, 75.3296, 75.3847 looks on a white background.

Color Contrast Check

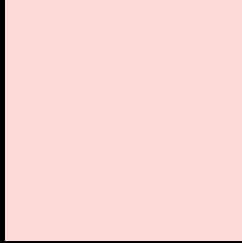
Large Text (above 18pt) WCAG AA × Fail

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 78.1905, 75.3296, 75.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

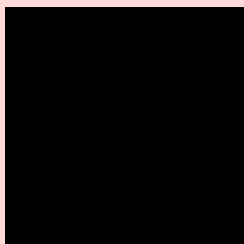
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1905, 75.3296, 75.3847

Background



This preview shows how black text looks on a background with the XYZ color 78.1905, 75.3296, 75.3847.



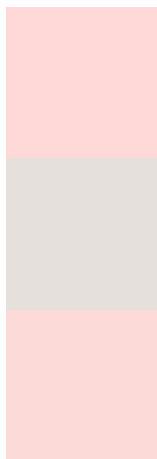
This preview shows how white text looks on a background with the XYZ color 78.1905, 75.3296,

75.3847.

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

78.1905, 75.3296, 75.3847

Protanopia

72.3399, 75.3548, 79.1388

Deuteranopia

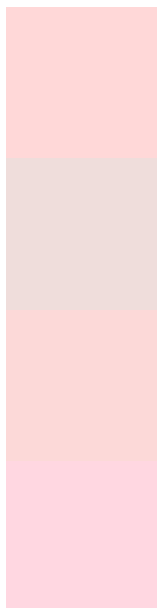
77.2497, 75.6099, 75.4884



Tritanopia

79.8234, 75.5740, 85.2430

Trichromacy



Original Color

78.1905, 75.3296, 75.3847

Protanomaly

74.2392, 75.1781, 77.6158

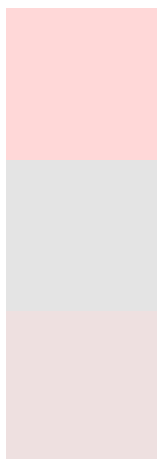
Deuteranomaly

77.3524, 75.2790, 75.4191

Tritanomaly

79.1310, 75.2971, 81.5973

Monochromacy



Original Color

78.1905, 75.3296, 75.3847

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3701, 76.8703, 81.3860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1905, 75.3296, 75.3847 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 216) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 78.1905, 75.3296, 75.3847 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, 216) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 216)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 78.1905, 75.3296, 75.3847 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, 216) }
```

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

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