

Converting Colors

XYZ(119.8647, 95.1791,
71.5575)

Have a look what the booklet for
XYZ(119.8647, 95.1791, 71.5575)
contains.

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Color

**XYZ(75.9194, 72.4026,
69.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3D0
RGB	255, 211, 208
RGB Percent	100%, 83%, 82%
CMY	0.0000, 0.1725, 0.1843
CMYK	0.00, 0.17, 0.18, 0.00
HSL	4°, 100%, 91%
HSV	4°, 18%, 100%
XYZ	75.9194, 72.4026, 69.6482
YIQ	223.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

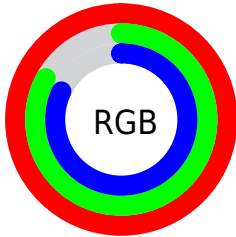
Format	Color
R _Y B	255, 211, 208
Decimal	16765904
CIE Lab	88.16, 14.94, 7.27
CIE LCh	88, 16.617, 25.928
Yxy	72.4026, 0.3483, 0.3322
Android (android.graphics.Color)	4294955984 (0xFFFFD3D0)
YUV	223.8140, -7.7963, 27.3501
Hunter-Lab	85.0897, 10.3556, 11.0324

Details

The XYZ color **75.9194, 72.4026, 69.6482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8718, 90.2479, 107.8704**, and the grayscale version is **70.7606, 74.4456, 81.0713**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0099, 38.1158, 35.7675** is the 20% darker color. If you saturate the color by 10%, you get **67.5347, 60.2568, 52.5994**, and if you desaturate by 10%, it is **85.6926, 86.5175, 89.6500**.

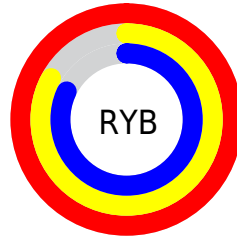
Distribution



Red (100%)

Green (83%)

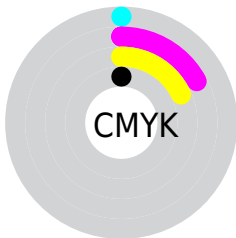
Blue (82%)



Red (100%)

Yellow (83%)

Blue (82%)

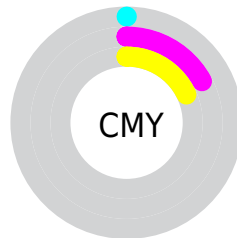


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9194, 72.4026, 69.6482 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 75.9194, 72.4026, 69.6482 by changing the saturation by 10% instead.


 75.9194, 72.4026,
69.6482

 75.9194, 72.4026,
69.6482


470.0204,
468.9417, 478.0695

 56.6632, 53.4876,
50.7648


126.5939,
122.6287, 120.3833

 40.9740, 38.1922,
35.6460


158.7430,
154.7087, 153.0721

 28.4864, 26.1319,
23.8734


195.9205,
191.9458, 191.1997

 18.8349, 16.9223,
15.0284

238.4916,
234.7244, 235.1847

 11.6544, 10.1791,
8.6925

286.8218,
283.4289, 285.4457

 6.5793, 5.5179,
4.4471

341.2764,

 3.2444, 2.5542,

338.4436, 342.4011

1.8737

402.2208,
400.1531, 406.4695

■ 1.2843, 0.9037,
0.4759

■ 0.1714, 0.0000,
0.0000

■ 75.9194, 72.4026,
69.6482

■ 75.9194, 72.4026,
69.6482

■ 67.5347, 60.2568,
52.5994

■ 85.6926, 86.5175,
89.6500

■ 60.4705, 49.9836,
38.3596

95.0500, 100.0000,
108.9000

■ 54.6610, 41.4928,
26.7793

■ 50.0326, 34.6827,
17.6935

■ 46.5041, 29.4417,
10.9187

■ 43.9839, 25.6445,
6.2463

■ 42.3657, 23.1465,
3.4300

■ 41.5129, 21.7708,
2.1291

■ 41.4298, 21.6396,
1.9933

Harmonies

Analogous

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



76.7227, 72.4026, 80.3984



75.9194, 72.4026, 69.6482



73.1865, 72.4026, 62.0620

Triad

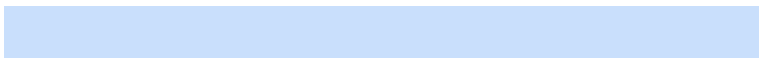
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9194, 72.4026, 69.6482



62.6795, 72.4026, 67.1992



68.2753, 72.4026, 102.7377

Complementary

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



75.9194, 72.4026, 69.6482



78.8718, 90.2479, 107.8704

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.



64.6240, 72.4026, 98.3847



75.9194, 72.4026, 69.6482



61.4730, 72.4026, 77.2903

Square

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



75.9194, 72.4026, 69.6482



65.5295, 72.4026, 60.7464



62.1710, 72.4026, 88.7942



72.2116, 72.4026, 100.1970

Rectangle

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



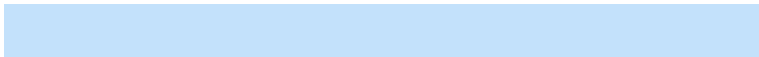
75.9194, 72.4026, 69.6482



70.6911, 72.4026, 59.4564



62.1710, 72.4026, 88.7942



66.9754, 72.4026, 102.0218

Sweetspot

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



75.9212, 72.4058, 69.6497



88.2837, 90.2537, 94.9723



81.4701, 73.4420, 102.5183



18.7455, 19.1006, 20.0180



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

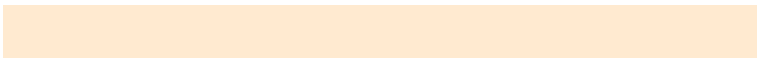
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9212, 72.4058, 69.6497



72.7721, 67.8487, 63.2326



82.0057, 84.5748, 71.6779



18.1026, 18.1733, 18.6980



21.6830, 11.3773, 1.0532



2.1424, 1.1701, 0.1129

Inverse Universe

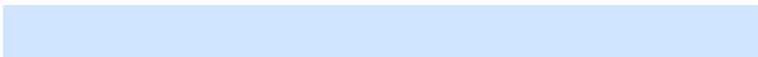
The Inverse Universe completely reimagines the original color for something new.



78.8718, 90.2479, 107.8704



76.2031, 88.6014, 107.6932



72.1239, 76.7522, 105.6211



18.4496, 20.2708, 23.1902



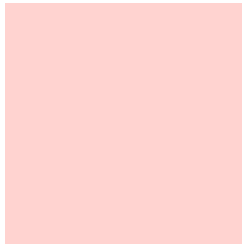
25.5562, 36.0220, 55.0406



2.5172, 3.5650, 5.3687

Previews

White Background



This preview shows how the XYZ color 75.9194, 72.4026, 69.6482 looks on a white background.

Color Contrast Check

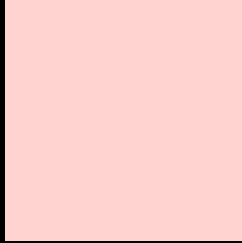
Large Text (above 18pt) WCAG AA × Fail

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 75.9194, 72.4026, 69.6482 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 75.9194, 72.4026, 69.6482

Background



This preview shows how black text looks on a background with the XYZ color 75.9194, 72.4026, 69.6482.



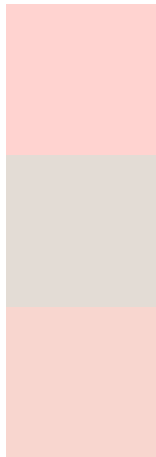
This preview shows how white text looks on a background with the XYZ color 75.9194, 72.4026, 69.6482.

69.6482.

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

75.9194, 72.4026, 69.6482

Protanopia

69.2820, 72.3214, 73.2587

Deuteranopia

74.0205, 72.5546, 69.1346



Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy



Original Color

75.9194, 72.4026, 69.6482

Protanomaly

71.4958, 72.3334, 71.8215

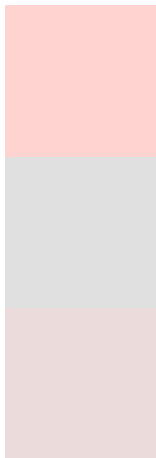
Deuteranomaly

74.8404, 72.6027, 69.1007

Tritanomaly

76.9415, 72.4151, 76.2519

Monochromacy



Original Color

75.9194, 72.4026, 69.6482

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.2474, 73.3872, 76.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9194, 72.4026, 69.6482 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, 211, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 208)  
}
```

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, 211, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 208) }
```

Border

The CSS property to change the border of an element to XYZ 75.9194, 72.4026, 69.6482 is called "border". The border property can be set on classes, ids or directly on the HTML element.

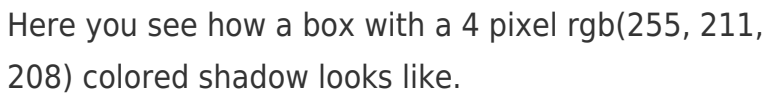
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 211, 208) }
```


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

```
.border{ border-color:rgb(255, 211, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 211, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 211, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 211, 208); box-shadow:4px 4px 4px 4px rgb(255, 211, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9194, 72.4026, 69.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 208) }
```

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

```
.background{ background-color: rgb(255,  
211, 208) }
```

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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