

Converting Colors

XYZ(75.5930, 71.6482, 71.6695)

Have a look what the booklet for
XYZ(75.5930, 71.6482, 71.6695)
contains.

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Color

**XYZ(75.6775, 71.8672,
71.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	FED2D3
RGB	254, 210, 211
RGB Percent	100%, 82%, 83%
CMY	0.0039, 0.1764, 0.1725
CMYK	0.00, 0.17, 0.17, 0.00
HSL	359°, 96%, 91%
HSV	359°, 17%, 100%
XYZ	75.6775, 71.8672, 71.5111
YIQ	223.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

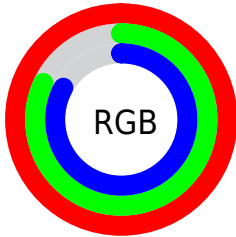
Format	Color
RYB	254, 210, 211
Decimal	16700115
CIELab	87.90, 15.56, 5.30
CIELCh	88, 16.438, 18.805
Yxy	71.8672, 0.3455, 0.3281
Android (android.graphics.Color)	4294890195 (0xFF FED2D3)
YUV	223.2700, -6.0491, 26.9502
Hunter-Lab	84.7745, 10.9900, 9.3284

Details

The XYZ color **75.6775, 71.8672, 71.5111** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7526, 91.6788, 106.4255**, and the grayscale version is **70.3616, 74.0259, 80.6142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8331, 37.7473, 37.0321** is the 20% darker color. If you saturate the color by 10%, you get **67.0216, 59.1570, 54.4385**, and if you desaturate by 10%, it is **85.8133, 86.7666, 91.4499**.

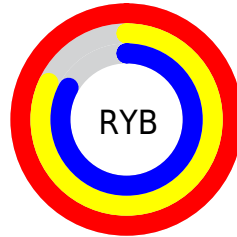
Distribution



Red (100%)

Green (82%)

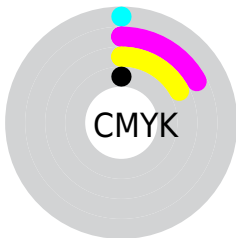
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

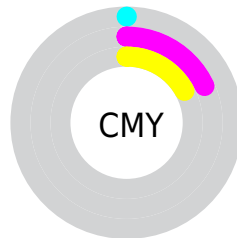


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6775, 71.8672, 71.5111 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 75.6775, 71.8672, 71.5111 by changing the saturation by 10% instead.


 75.6775, 71.8672,
71.5111

 75.6775, 71.8672,
71.5111


469.2044,
467.0792, 484.7698

 56.4642, 53.0502,
52.2750


126.2537,
121.8677, 123.0624

 40.8137, 37.8428,
36.8406


158.3474,
153.8200, 156.2148

 28.3606, 25.8607,
24.7893


195.4652,
190.9195, 194.8429

 18.7395, 16.7195,
15.7025

237.9726,
233.5507, 239.3654

 11.5851, 10.0347,
9.1618

286.2348,
282.0978, 290.2008

 6.5320, 5.4220,
4.7486

340.6173,

 3.2149, 2.4969,

336.9453, 347.7677

2.0444

401.4854,
398.4777, 412.4845

■ 1.2684, 0.8751,
0.5824

■ 0.1594, 0.0000,
0.0000

■ 75.6775, 71.8672,
71.5111

■ 75.6775, 71.8672,
71.5111

■ 67.0216, 59.1570,
54.4385

■ 85.8133, 86.7666,
91.4499

■ 59.7709, 48.5238,
40.0962

94.6833, 99.8110,
108.8828

■ 53.8530, 39.8601,
28.3440

■ 49.1867, 33.0451,
19.0276

■ 45.6822, 27.9444,
11.9759

■ 43.2374, 24.4058,
6.9963

■ 41.7328, 22.2501,
3.8638

■ 41.0160, 21.2462,
2.2999

■ 40.9048, 21.0836,
2.0786

Harmonies

Analogous

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



75.9545, 71.8672, 82.5080



75.6775, 71.8672, 71.5111



73.3819, 71.8672, 63.1362

Triad

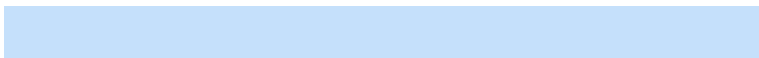
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6775, 71.8672, 71.5111



62.8030, 71.8672, 64.9045



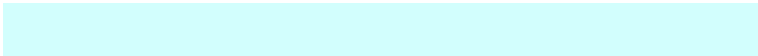
66.8578, 71.8672, 101.3403

Complementary

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



75.6775, 71.8672, 71.5111



79.7526, 91.6788, 106.4255

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.



63.4728, 71.8672, 95.6042



75.6775, 71.8672, 71.5111



61.1920, 71.8672, 74.1433

Square

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



75.6775, 71.8672, 71.5111



65.9118, 71.8672, 59.5808



61.4325, 71.8672, 85.4020



70.7609, 71.8672, 100.4637

Rectangle

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



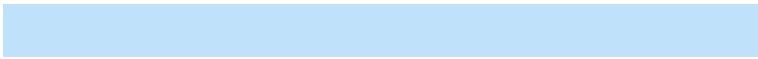
75.6775, 71.8672, 71.5111



71.0631, 71.8672, 59.8373



61.4325, 71.8672, 85.4020



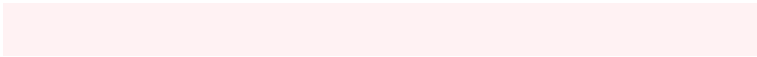
65.6243, 71.8672, 100.1011

Sweetspot

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



75.6795, 71.8704, 71.5126



89.1746, 91.3564, 97.3626



81.2763, 74.0474, 103.7754



18.9171, 19.3040, 20.5056



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.



75.6795, 71.8704, 71.5126



72.9709, 67.5391, 65.4789



80.9534, 82.6174, 72.6569



18.0260, 17.9937, 18.7543



21.5725, 11.1183, 1.1333



2.1060, 1.0848, 0.1398

Inverse Universe

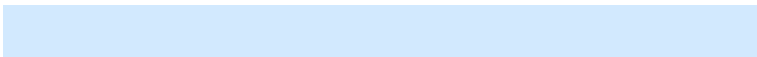
The Inverse Universe completely reimagines the original color for something new.



75.6795, 71.8704, 71.5126



72.9709, 67.5391, 65.4789



73.7418, 79.4026, 105.2061



18.0260, 17.9937, 18.7543



21.5725, 11.1183, 1.1333



2.1060, 1.0848, 0.1398

Previews

White Background



This preview shows how the XYZ color 75.6775, 71.8672, 71.5111 looks on a white background.

Color Contrast Check

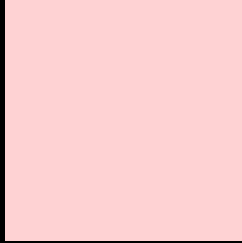
Large Text (above 18pt) WCAG AA × Fail

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 75.6775, 71.8672, 71.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

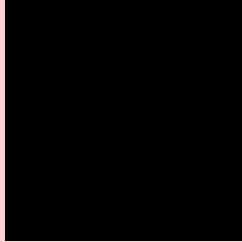
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6775, 71.8672, 71.5111

Background



This preview shows how black text looks on a background with the XYZ color 75.6775, 71.8672, 71.5111.



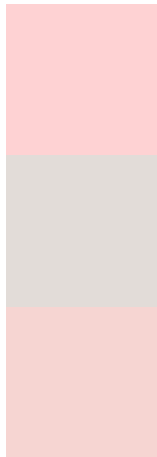
This preview shows how white text looks on a background with the XYZ color 75.6775, 71.8672,

71.5111.

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

75.6775, 71.8672, 71.5111

Protanopia

69.3519, 72.3130, 75.2683

Deuteranopia

73.4331, 71.8345, 70.9679



Tritanopia

77.2504, 71.7536, 80.2993

Trichromacy



Original Color

75.6775, 71.8672, 71.5111

Protanomaly

71.2855, 71.7996, 73.7199

Deuteranomaly

74.2433, 71.8798, 70.9339

Tritanomaly

76.8266, 71.9754, 76.8613

Monochromacy



Original Color

75.6775, 71.8672, 71.5111

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.7893, 72.7497, 77.2762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6775, 71.8672, 71.5111 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(254, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 211)  
}
```

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(254, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 211) }
```

Border

The CSS property to change the border of an element to XYZ 75.6775, 71.8672, 71.5111 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(254, 210, 211) }
```


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

```
.border{ border-color:rgb(254, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6775, 71.8672, 71.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 211) }
```

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

```
.background{ background-color: rgb(254,  
210, 211) }
```

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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