

Converting Colors

XYZ(84.6264, 75.0776, 72.2717)

Have a look what the booklet for
XYZ(84.6264, 75.0776, 72.2717)
contains.

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Color

**XYZ(75.1950, 70.1561,
71.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCED4
RGB	255, 206, 212
RGB Percent	100%, 81%, 83%
CMY	0.0000, 0.1921, 0.1686
CMYK	0.00, 0.19, 0.17, 0.00
HSL	353°, 100%, 90%
HSV	353°, 19%, 100%
XYZ	75.1950, 70.1561, 71.8656
YIQ	221.3350, 27.2780, 12.2540

Conversions

Conversions Part 2

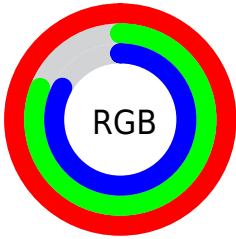
Format	Color
R _Y B	255, 206, 212
Decimal	16764628
CIE Lab	87.07, 18.16, 3.58
CIE LCh	87, 18.506, 11.150
Yxy	70.1561, 0.3462, 0.3230
Android (android.graphics.Color)	4294954708 (0xFFFFCED4)
YUV	221.3350, -4.6022, 29.5242
Hunter-Lab	83.7592, 13.6700, 7.7605

Details

The XYZ color **75.1950, 70.1561, 71.8656** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3149, 91.4825, 103.1567**, and the grayscale version is **68.9820, 72.5744, 79.0335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6027, 36.8966, 36.8800** is the 20% darker color. If you saturate the color by 10%, you get **66.9166, 57.8084, 56.1300**, and if you desaturate by 10%, it is **84.8639, 84.6580, 89.9970**.

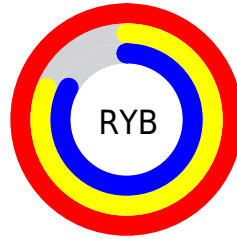
Distribution



Red (100%)

Green (81%)

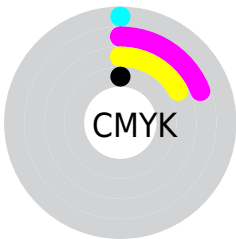
Blue (83%)



Red (100%)

Yellow (81%)

Blue (83%)

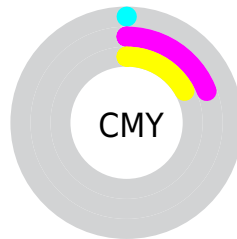


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1950, 70.1561, 71.8656 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 75.1950, 70.1561, 71.8656 by changing the saturation by 10% instead.

 75.1950, 70.1561,
71.8656

 75.1950, 70.1561,
71.8656


467.5744,
461.0979, 486.0386

 56.0674, 51.6538,
52.5627

125.5748,
119.4313, 123.5714

 40.4942, 36.7292,
37.0685

157.5577,
150.9731, 156.8114

 28.1100, 24.9979,
24.9643


194.5564,
187.6301, 195.5341

 18.5495, 16.0755,
15.8317

236.9362,
229.7867, 240.1582

 11.4473, 9.5776,
9.2521

285.0626,
277.8275, 291.1022

 6.4380, 5.1198,
4.8069

339.3009,

 3.1564, 2.3177,

332.1366, 348.7845

2.0777

400.0163,
393.0986, 413.6238

■ 1.2370, 0.7831,
0.6024

■ 0.1353, 0.0000,
0.0000

■ 75.1950, 70.1561,
71.8656

■ 75.1950, 70.1561,
71.8656

■ 66.9166, 57.8084,
56.1300

■ 84.8639, 84.6580,
89.9970

■ 59.9598, 47.5037,
42.6856

95.0500, 100.0000,
108.9000

■ 54.2573, 39.1343,
31.4265

■ 49.7338, 32.5790,
22.2367

■ 46.3057, 27.7031,
14.9894

■ 43.8786, 24.3529,
9.5438

■ 42.3415, 22.3464,
5.7394

■ 41.5358, 21.4132,
3.3802

■ 41.4900, 21.3600,
3.2466

Harmonies

Analogous

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



74.8817, 70.1561, 84.3603



75.1950, 70.1561, 71.8656



73.1543, 70.1561, 61.7366

Triad

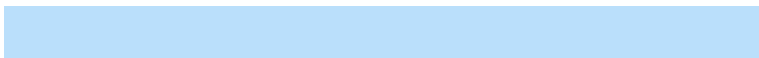
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1950, 70.1561, 71.8656



61.3472, 70.1561, 59.7914



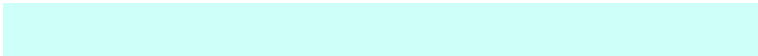
64.0253, 70.1561, 101.2702

Complementary

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



75.1950, 70.1561, 71.8656



78.3149, 91.4825, 103.1567

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.



60.6018, 70.1561, 93.1916



75.1950, 70.1561, 71.8656



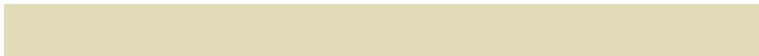
59.1025, 70.1561, 68.9346

Square

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



75.1950, 70.1561, 71.8656



65.0829, 70.1561, 55.2858



58.8357, 70.1561, 81.0964



68.3056, 70.1561, 102.2744

Rectangle

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



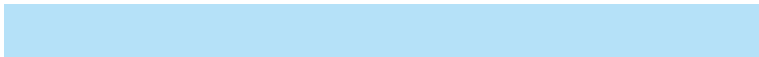
75.1950, 70.1561, 71.8656



70.7831, 70.1561, 57.3349



58.8357, 70.1561, 81.0964



62.7410, 70.1561, 99.2540

Sweetspot

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



75.1966, 70.1591, 71.8670



88.2747, 89.7888, 96.3463



79.0002, 71.4076, 104.2270



18.7434, 18.9912, 20.3414



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

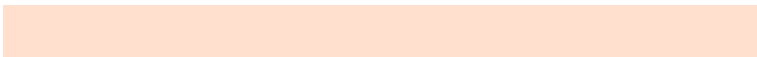
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1966, 70.1591, 71.8670



71.9014, 65.2349, 65.6316



79.0291, 79.0120, 69.4820



18.0998, 18.0232, 19.1426



21.7075, 11.1723, 1.8443



2.1409, 1.0987, 0.3232

Inverse Universe

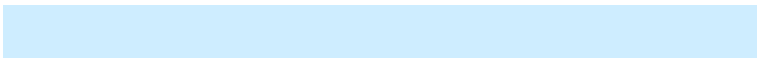
The Inverse Universe completely reimagines the original color for something new.



75.1966, 70.1591, 71.8670



71.9014, 65.2349, 65.6316



73.7998, 80.9317, 106.3395



18.0998, 18.0232, 19.1426



21.7075, 11.1723, 1.8443



2.1409, 1.0987, 0.3232

Previews

White Background



This preview shows how the XYZ color 75.1950, 70.1561, 71.8656 looks on a white background.

Color Contrast Check

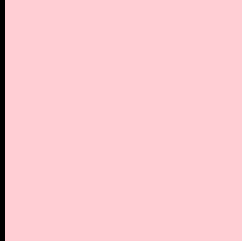
Large Text (above 18pt) WCAG AA × Fail

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 75.1950, 70.1561, 71.8656 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 75.1950, 70.1561, 71.8656

Background



This preview shows how black text looks on a background with the XYZ color 75.1950, 70.1561, 71.8656.



This preview shows how white text looks on a background with the XYZ color 75.1950, 70.1561,

71.8656.

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

75.1950, 70.1561, 71.8656

Protanopia

67.5919, 70.2173, 76.3205

Deuteranopia

71.6701, 70.1689, 71.3946



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

75.1950, 70.1561, 71.8656

Protanomaly

70.1206, 70.0388, 74.7888

Deuteranomaly

72.9161, 70.0782, 71.3114

Tritanomaly

75.5957, 69.9324, 75.1596

Monochromacy



Original Color

75.1950, 70.1561, 71.8656

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8150, 71.4973, 76.3977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1950, 70.1561, 71.8656 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, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 212)  
}
```

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, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 212) }
```

Border

The CSS property to change the border of an element to XYZ 75.1950, 70.1561, 71.8656 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, 206, 212) }
```


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

```
.border{ border-color:rgb(255, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1950, 70.1561, 71.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 212) }
```

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

```
.background{ background-color: rgb(255,  
206, 212) }
```

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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