

Converting Colors

XYZ(78.2671, 71.5999, 72.9112)

Have a look what the booklet for
XYZ(78.2671, 71.5999, 72.9112)
contains.

XYZ(75.3215, 70.2067, 72.5322)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.3215, 70.2067,
72.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCED5
RGB	255, 206, 213
RGB Percent	100%, 81%, 84%
CMY	0.0000, 0.1921, 0.1647
CMYK	0.00, 0.19, 0.16, 0.00
HSL	351°, 100%, 90%
HSV	351°, 19%, 100%
XYZ	75.3215, 70.2067, 72.5322
YIQ	221.4490, 26.9570, 12.5650

Conversions

Conversions Part 2

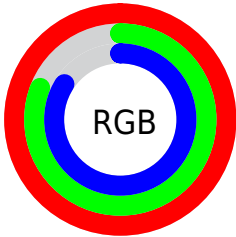
Format	Color
R_{YB}	255, 206, 213
Decimal	16764629
CIE _{Lab}	87.10, 18.31, 3.08
CIE _{LCh}	87, 18.567, 9.563
Yxy	70.2067, 0.3454, 0.3220
Android (android.graphics.Color)	4294954709 (0xFFFFCED5)
YUV	221.4490, -4.1654, 29.4242
Hunter-Lab	83.7894, 13.8289, 7.3283

Details

The XYZ color **75.3215, 70.2067, 72.5322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1593, 91.4203, 102.3372**, and the grayscale version is **69.0594, 72.6558, 79.1222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6885, 36.9309, 37.3316** is the 20% darker color. If you saturate the color by 10%, you get **67.0833, 57.8751, 57.0077**, and if you desaturate by 10%, it is **84.9331, 84.6857, 90.3612**.

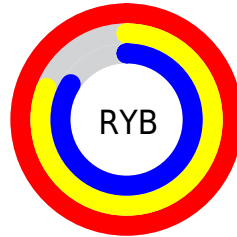
Distribution



Red (100%)

Green (81%)

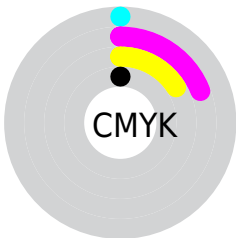
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

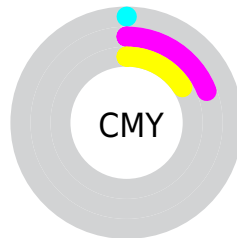


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3215, 70.2067, 72.5322 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 75.3215, 70.2067, 72.5322 by changing the saturation by 10% instead.

 75.3215, 70.2067,
72.5322

 75.3215, 70.2067,
72.5322


468.0020,
461.2754, 488.4191

 56.1714, 51.6951,
53.1040


125.7528,
119.5035, 124.5276

 40.5779, 36.7621,
37.4975

157.7648,
151.0574, 157.9320

 28.1756, 25.0233,
25.2941


194.7948,
187.7276, 196.8322

 18.5992, 16.0944,
16.0753

237.2081,
229.8983, 241.6467

 11.4833, 9.5910,
9.4225

285.3701,
277.9541, 292.7941

 6.4626, 5.1286,
4.9172

339.6462,

 3.1717, 2.3229,

332.2793, 350.6930

2.1409

400.4017,
393.2583, 415.7618

■ 1.2452, 0.7858,
0.6400

■ 0.1416, 0.0000,
0.0000

■ 75.3215, 70.2067,
72.5322

■ 75.3215, 70.2067,
72.5322

■ 67.0833, 57.8751,
57.0077

■ 84.9331, 84.6857,
90.3612

■ 60.1504, 47.5800,
43.6893

95.0500, 100.0000,
108.9000

■ 54.4569, 39.2141,
32.4775

■ 49.9288, 32.6570,
23.2637

■ 46.4843, 27.7745,
15.9295

■ 44.0305, 24.4136,
10.3437

■ 42.4589, 22.3934,
6.3578

■ 41.6137, 21.4443,
3.7905

■ 41.5647, 21.3899,
3.6399

Harmonies

Analogous

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



74.8777, 70.2067, 85.1158



75.3215, 70.2067, 72.5322



73.3872, 70.2067, 62.1788

Triad

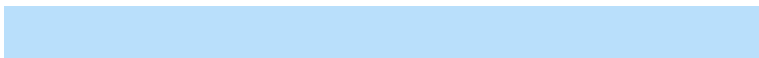
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3215, 70.2067, 72.5322



61.5426, 70.2067, 59.4239



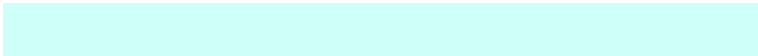
63.8513, 70.2067, 101.1577

Complementary

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



75.3215, 70.2067, 72.5322



78.1593, 91.4203, 102.3372

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.



60.4869, 70.2067, 92.7375



75.3215, 70.2067, 72.5322



59.1947, 70.2067, 68.3806

Square

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



75.3215, 70.2067, 72.5322



65.3494, 70.2067, 55.1718



58.8168, 70.2067, 80.4922



68.1286, 70.2067, 102.5803

Rectangle

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



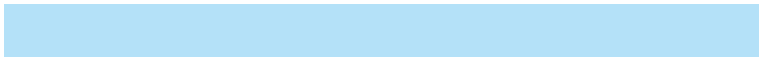
75.3215, 70.2067, 72.5322



71.0567, 70.2067, 57.5947



58.8168, 70.2067, 80.4922



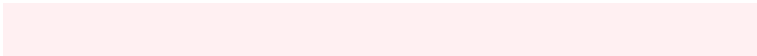
62.5814, 70.2067, 99.0115

Sweetspot

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



75.3232, 70.2098, 72.5337



88.3215, 89.8076, 96.5930



78.7105, 71.2583, 104.2135



18.7544, 18.9956, 20.3994



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

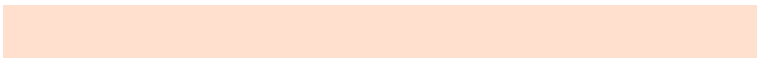
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3232, 70.2098, 72.5337



72.0451, 65.2924, 66.3886



78.8102, 78.5742, 69.4090



18.1150, 18.0293, 19.2227



21.7502, 11.1894, 2.0690



2.1480, 1.1016, 0.3608

Inverse Universe

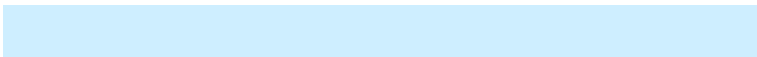
The Inverse Universe completely reimagines the original color for something new.



75.3232, 70.2098, 72.5337



72.0451, 65.2924, 66.3886



74.0368, 81.4057, 106.4185



18.1150, 18.0293, 19.2227



21.7502, 11.1894, 2.0690



2.1480, 1.1016, 0.3608

Previews

White Background



This preview shows how the XYZ color 75.3215, 70.2067, 72.5322 looks on a white background.

Color Contrast Check

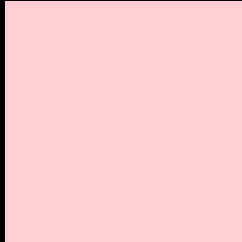
Large Text (above 18pt) WCAG AA × Fail

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 75.3215, 70.2067, 72.5322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

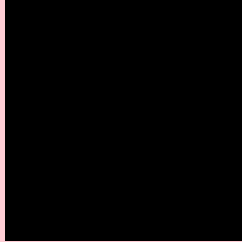
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3215, 70.2067, 72.5322

Background



This preview shows how black text looks on a background with the XYZ color 75.3215, 70.2067, 72.5322.



This preview shows how white text looks on a background with the XYZ color 75.3215, 70.2067,

72.5322.

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

75.3215, 70.2067, 72.5322

Protanopia

67.7232, 70.2698, 77.0119

Deuteranopia

71.7959, 70.2192, 72.0570



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

75.3215, 70.2067, 72.5322

Protanomaly

70.2503, 70.0907, 75.4719

Deuteranomaly

73.0419, 70.1286, 71.9738

Tritanomaly

75.7262, 69.9846, 75.8468

Monochromacy



Original Color

75.3215, 70.2067, 72.5322

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 75.3215, 70.2067, 72.5322 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.3215, 70.2067, 72.5322 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, 213) }
```


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

```
.border{ border-color:rgb(255, 206, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3215, 70.2067, 72.5322 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
206, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor