

Converting Colors

XYZ(70.8682, 65.1800, 65.3982)

Have a look what the booklet for
XYZ(70.8682, 65.1800, 65.3982)
contains.

XYZ(70.7572, 65.2092, 65.3572)	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(70.7572, 65.2092,
65.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC6CB
RGB	251, 198, 203
RGB Percent	98%, 78%, 80%
CMY	0.0157, 0.2235, 0.2039
CMYK	0.00, 0.21, 0.19, 0.02
HSL	354°, 87%, 88%
HSV	354°, 21%, 98%
XYZ	70.7572, 65.2092, 65.3572
YIQ	214.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

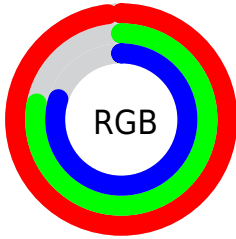
Format	Color
R _Y B	251, 198, 203
Decimal	16500427
CIE Lab	84.59, 19.57, 4.72
CIE LCh	85, 20.134, 13.568
Yxy	65.2092, 0.3515, 0.3239
Android (android.graphics.Color)	4294690507 (0xFFFBC6CB)
YUV	214.4170, -5.6286, 32.0833
Hunter-Lab	80.7522, 15.0900, 8.5399

Details

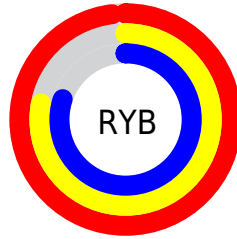
The XYZ color **70.7572, 65.2092, 65.3572** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4231, 87.6555, 100.1898**, and the grayscale version is **64.2215, 67.5660, 73.5794**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6462, 33.5858, 32.9323** is the 20% darker color. If you saturate the color by 10%, you get **62.9749, 53.6667, 50.3624**, and if you desaturate by 10%, it is **79.8911, 78.8179, 82.7640**.

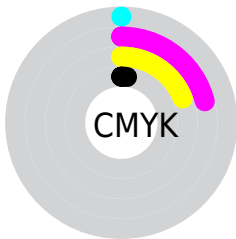
Distribution



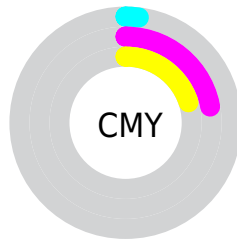
- Red (98%)
- Green (78%)
- Blue (80%)



- Red (98%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7572, 65.2092, 65.3572 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 70.7572, 65.2092, 65.3572 by changing the saturation by 10% instead.

 70.7572, 65.2092,
65.3572

 70.7572, 65.2092,
65.3572


452.4293,
443.5434, 462.4158

 52.4259, 47.6307,
47.2976


119.3083,
112.3506, 114.1814

 37.5703, 33.5346,
32.9149


150.2589,
142.6823, 145.7831

 25.8251, 22.5363,
21.7907


186.1466,
178.0338, 182.7360

 16.8248, 14.2515,
13.5064

227.3367,
218.7896, 225.4585

 10.2042, 8.2958,
7.6433

274.1947,
265.3341, 274.3691

 5.5979, 4.2848,
3.7831

327.0859,

 2.6404, 1.8341,

318.0516, 329.8866

1.5071

386.3756,
377.3266, 392.4293

■ 0.9666, 0.5083,
0.2232

■ 0.0000, 0.0000,
0.0000

■ 70.7572, 65.2092,
65.3572

■ 70.7572, 65.2092,
65.3572

■ 62.9749, 53.6667,
50.3624

■ 79.8911, 78.8179,
82.7640

■ 56.4748, 44.0809,
37.6693

■ 90.4310, 94.5775,
102.6785

■ 51.1894, 36.3460,
27.1650

■ 93.5939, 99.2493,
108.8319

■ 47.0430, 30.3424,
18.7254

■ 43.9512, 25.9366,
12.2139

■ 41.8177, 22.9754,
7.4776

■ 40.5287, 21.2757,
4.3398

■ 39.9452, 20.5739,
2.7115

Harmonies

Analogous

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



70.6353, 65.2092, 78.2289



70.7572, 65.2092, 65.3572



68.4482, 65.2092, 55.2863

Triad

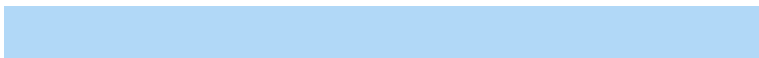
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7572, 65.2092, 65.3572



56.2170, 65.2092, 54.5499



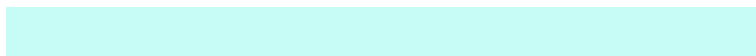
59.5689, 65.2092, 97.4584

Complementary

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



70.7572, 65.2092, 65.3572



74.4231, 87.6555, 100.1898

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.



55.9315, 65.2092, 89.4444



70.7572, 65.2092, 65.3572



54.0612, 65.2092, 64.2340

Square

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



70.7572, 65.2092, 65.3572



59.9758, 65.2092, 49.5747



53.9593, 65.2092, 76.9622



64.0271, 65.2092, 97.8540

Rectangle

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



70.7572, 65.2092, 65.3572



65.9028, 65.2092, 51.0811



53.9593, 65.2092, 76.9622



58.2149, 65.2092, 95.5261

Sweetspot

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



70.7590, 65.2122, 65.3586



88.2103, 89.7631, 96.0073



75.5094, 66.8949, 100.1995



18.7282, 18.9852, 20.2615



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.



70.7590, 65.2122, 65.3586



70.0331, 62.6738, 61.3852



75.3624, 75.3563, 64.0030



17.3110, 17.2518, 18.2277



21.0194, 10.8235, 1.5445



1.9684, 1.0111, 0.2571

Inverse Universe

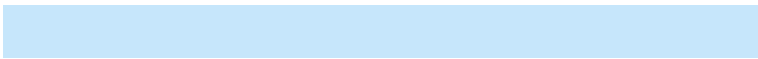
The Inverse Universe completely reimagines the original color for something new.



70.7590, 65.2122, 65.3586



70.0331, 62.6738, 61.3852



68.9450, 75.4556, 102.1978



17.3110, 17.2518, 18.2277



21.0194, 10.8235, 1.5445



1.9684, 1.0111, 0.2571

Previews

White Background



This preview shows how the XYZ color 70.7572, 65.2092, 65.3572 looks on a white background.

Color Contrast Check

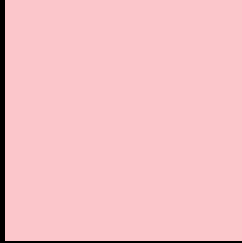
Large Text (above 18pt) WCAG AA × Fail

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 70.7572, 65.2092, 65.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

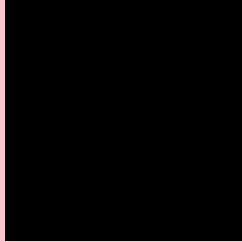
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7572, 65.2092, 65.3572

Background



This preview shows how black text looks on a background with the XYZ color 70.7572, 65.2092, 65.3572.



This preview shows how white text looks on a background with the XYZ color 70.7572, 65.2092,

65.3572.

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

70.7572, 65.2092, 65.3572

Protanopia

62.7038, 65.1934, 70.2515

Deuteranopia

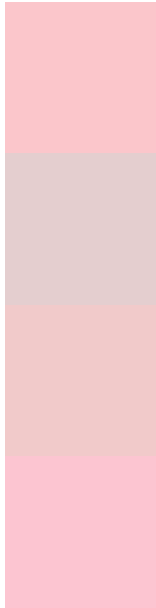
66.5145, 65.1122, 64.9393



Tritanopia

71.9948, 65.3814, 71.1127

Trichromacy



Original Color

70.7572, 65.2092, 65.3572

Protanomaly

65.3287, 65.1416, 68.1619

Deuteranomaly

68.0568, 65.2061, 64.8762

Tritanomaly

71.6198, 65.2314, 69.1377

Monochromacy



Original Color

70.7572, 65.2092, 65.3572

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8673, 66.0958, 70.2590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7572, 65.2092, 65.3572 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(251, 198, 203)` looks like.

```
.text, #text, p{  
    color:rgb(251, 198, 203)  
}
```

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(251, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 198, 203) }
```

Border

The CSS property to change the border of an element to XYZ 70.7572, 65.2092, 65.3572 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(251, 198, 203) }
```


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

```
.border{ border-color:rgb(251, 198, 203) }
```

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

Here you see how a box with a 4 pixel rgb(251, 198, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(251, 198,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7572, 65.2092, 65.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 198, 203) }
```

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

```
.background{ background-color: rgb(251,  
198, 203) }
```

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