

Converting Colors

XYZ(70.6720, 65.3076, 57.4173)

Have a look what the booklet for
XYZ(70.6720, 65.3076, 57.4173)
contains.

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Color

**XYZ(70.7283, 65.3659,
57.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6BE
RGB	255, 198, 190
RGB Percent	100%, 78%, 75%
CMY	0.0000, 0.2235, 0.2549
CMYK	0.00, 0.22, 0.25, 0.00
HSL	7°, 100%, 87%
HSV	7°, 25%, 100%
XYZ	70.7283, 65.3659, 57.6043
YIQ	214.1310, 36.5400, 9.5960

Conversions

Conversions Part 2

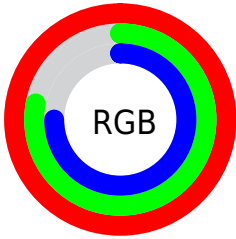
Format	Color
R _Y B	255, 199, 190
Decimal	16762558
CIE Lab	84.67, 19.16, 11.82
CIE LCh	85, 22.513, 31.658
Yxy	65.3659, 0.3651, 0.3375
Android (android.graphics.Color)	4294952638 (0xFFFFC6BE)
YUV	214.1310, -11.8966, 35.8421
Hunter-Lab	80.8492, 14.6689, 14.3508

Details

The XYZ color **70.7283, 65.3659, 57.6043** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.5448, 84.6858, 107.1302**, and the grayscale version is **64.0665, 67.4029, 73.4018**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **37.5146, 33.6230, 28.1796** is the 20% darker color. If you saturate the color by 10%, you get **63.4424, 54.8709, 42.6072**, and if you desaturate by 10%, it is **79.2597, 77.5708, 75.4236**.

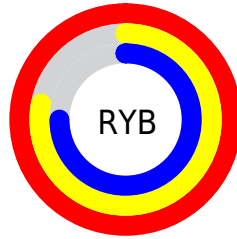
Distribution



Red (100%)

Green (78%)

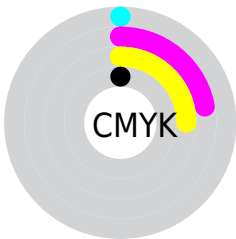
Blue (75%)



Red (100%)

Yellow (78%)

Blue (75%)

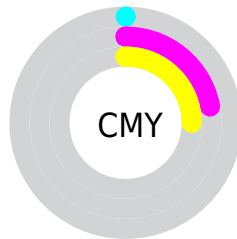


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7283, 65.3659, 57.6043 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 70.7283, 65.3659, 57.6043 by changing the saturation by 10% instead.


 70.7283, 65.3659,
57.6043

 70.7283, 65.3659,
57.6043


452.3297,
444.1057, 433.2669

 52.4022, 47.7578,
41.0780


 119.2674,
112.5757, 102.8555

 37.5514, 33.6352,
28.0599


150.2111,
142.9463, 132.4175

 25.8103, 22.6135,
18.1314


186.0915,
178.3398, 167.1618

 16.8137, 14.3083,
10.8739

227.2738,
219.1407, 207.5069

 10.1962, 8.3354,
5.8690

274.1234,
265.7334, 253.8714

 5.5925, 4.3103,
2.6981

327.0057,

 2.6372, 1.8486,

318.5021, 306.6739

0.9425

386.2860,
377.8314, 366.3329

■ 0.9650, 0.5172,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7283, 65.3659,
57.6043

■ 70.7283, 65.3659,
57.6043

■ 63.4424, 54.8709,
42.6072

■ 79.2597, 77.5708,
75.4236

■ 57.3386, 46.0008,
30.2836

■ 89.0859, 91.5480,
96.1954

■ 52.3556, 38.6768,
20.4772

95.0500, 100.0000,
108.9000

■ 48.4242, 32.8100,
13.0136

■ 45.4678, 28.3023,
7.6964

■ 43.3989, 25.0434,
4.2969

■ 42.1133, 22.9053,
2.5336

■ 41.7406, 22.2613,
2.0969

Harmonies

Analogous

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



72.3042, 65.3659, 70.3743



70.7283, 65.3659, 57.6043



66.8331, 65.3659, 49.4746

Triad

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



70.7283, 65.3659, 57.6043



54.0002, 65.3659, 58.8178



62.4085, 65.3659, 102.5992

Complementary

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



70.7283, 65.3659, 57.6043



72.5448, 84.6858, 107.1302

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.



57.6497, 65.3659, 98.4351



70.7283, 65.3659, 57.6043



52.9550, 65.3659, 71.9764

Square

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



70.7283, 65.3659, 57.6043



57.1900, 65.3659, 50.1059



54.2554, 65.3659, 86.7193



67.3430, 65.3659, 97.4441

Rectangle

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



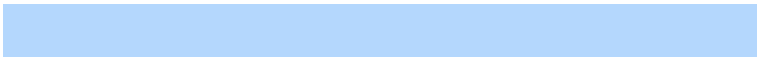
70.7283, 65.3659, 57.6043



63.5419, 65.3659, 47.1372



54.2554, 65.3659, 86.7193



60.7358, 65.3659, 102.2404

Sweetspot

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



70.7300, 65.3689, 57.6056



86.4944, 87.8685, 90.6962



76.5067, 64.8287, 96.8142



18.1896, 18.3473, 18.7270



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.



70.7300, 65.3689, 57.6056



66.5642, 59.3781, 49.0012



78.8546, 81.6181, 60.3138



18.1896, 18.3473, 18.7270



21.8663, 11.7438, 1.1143



2.1833, 1.2521, 0.1266

Inverse Universe

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



72.5448, 84.6858, 107.1302



68.6757, 81.9092, 106.7982



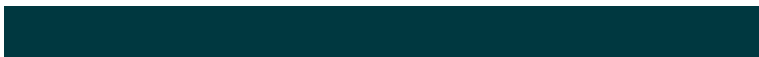
63.5650, 66.7263, 104.1370



18.3527, 20.0770, 23.1579



23.3782, 31.6659, 54.3146



2.3276, 3.1859, 5.3055

Previews

White Background



This preview shows how the XYZ color 70.7283, 65.3659, 57.6043 looks on a white background.

Color Contrast Check

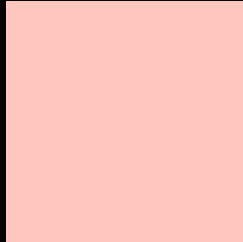
Large Text (above 18pt) WCAG AA × Fail

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 70.7283, 65.3659, 57.6043 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 70.7283, 65.3659, 57.6043

Background



This preview shows how black text looks on a background with the XYZ color 70.7283, 65.3659, 57.6043.



This preview shows how white text looks on a background with the XYZ color 70.7283, 65.3659,

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

70.7283, 65.3659, 57.6043

Protanopia

62.5857, 65.6798, 62.2022

Deuteranopia

66.7134, 65.3851, 57.2485



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

70.7283, 65.3659, 57.6043

Protanomaly

65.0876, 65.1935, 60.1920

Deuteranomaly

67.9620, 65.3277, 57.1716

Tritanomaly

71.9857, 65.5043, 65.3494

Monochromacy



Original Color

70.7283, 65.3659, 57.6043

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.8884, 66.1775, 67.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7283, 65.3659, 57.6043 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, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 190)  
}
```

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, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 190) }
```

Border

The CSS property to change the border of an element to XYZ 70.7283, 65.3659, 57.6043 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, 198, 190) }
```


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

```
.border{ border-color:rgb(255, 198, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7283, 65.3659, 57.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 190) }
```

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

```
.background{ background-color: rgb(255,  
198, 190) }
```

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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