

Converting Colors

XYZ(70.3235, 65.7479, 59.7679)

Have a look what the booklet for
XYZ(70.3235, 65.7479, 59.7679)
contains.

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Color

**XYZ(70.5368, 65.8990,
60.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC8C2
RGB	252, 200, 194
RGB Percent	99%, 78%, 76%
CMY	0.0118, 0.2157, 0.2392
CMYK	0.00, 0.21, 0.23, 0.01
HSL	6°, 91%, 87%
HSV	6°, 23%, 99%
XYZ	70.5368, 65.8990, 60.0410
YIQ	214.8640, 32.9180, 9.1580

Conversions

Conversions Part 2

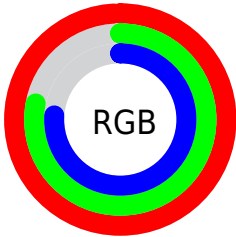
Format	Color
R _Y B	252, 201, 194
Decimal	16566466
CIE Lab	84.94, 17.58, 10.04
CIE LCh	85, 20.241, 29.727
Yxy	65.8990, 0.3590, 0.3354
Android (android.graphics.Color)	4294756546 (0xFFFC8C2)
YUV	214.8640, -10.2860, 32.5683
Hunter-Lab	81.1782, 13.0391, 12.9727

Details

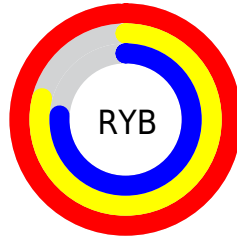
The XYZ color **70.5368, 65.8990, 60.0410** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7739, 84.4070, 104.5527**, and the grayscale version is **64.5526, 67.9143, 73.9587**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **37.5182, 34.0533, 29.4065** is the 20% darker color. If you saturate the color by 10%, you get **63.0922, 55.1611, 44.7603**, and if you desaturate by 10%, it is **79.2381, 78.3810, 78.1098**.

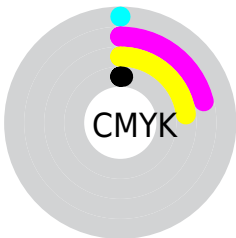
Distribution



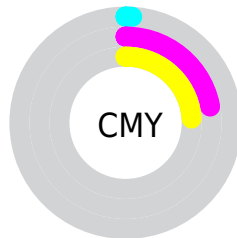
- Red (99%)
- Green (78%)
- Blue (76%)



- Red (99%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5368, 65.8990, 60.0410 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 70.5368, 65.8990, 60.0410 by changing the saturation by 10% instead.


 70.5368, 65.8990,
60.0410

 70.5368, 65.8990,
60.0410


451.6696,
446.0156, 442.5577

 52.2455, 48.1904,
43.0262


 118.9961,
113.3414, 106.4331

 37.4258, 33.9777,
29.5741


149.8947,
143.8439, 136.6474

 25.7125, 22.8765,
19.2662

185.7264,
179.3799, 172.0987

 16.7403, 14.5023,
11.6841

226.8567,
220.3338, 213.2054

 10.1436, 8.4709,
6.4090

273.6507,
267.0899, 260.3861

 5.5573, 4.3977,
3.0226

326.4740,

 2.6159, 1.8984,

320.0326, 314.0594

1.1062

385.6919,
379.5464, 374.6438

■ 0.9541, 0.5474,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.5368, 65.8990,
60.0410

■ 70.5368, 65.8990,
60.0410

■ 63.0922, 55.1611,
44.7603

■ 79.2381, 78.3810,
78.1098

■ 56.8408, 46.0811,
32.1248

■ 89.2447, 92.6705,
99.0915

■ 51.7219, 38.5788,
21.9852

■ 93.9551, 99.4356,
108.8488

■ 47.6672, 32.5641,
14.1759

■ 44.6008, 27.9375,
8.5108

■ 42.4369, 24.5873,
4.7756

■ 41.0744, 22.3845,
2.7111

■ 40.5165, 21.4383,
2.0026

Harmonies

Analogous

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



71.7893, 65.8990, 71.8721



70.5368, 65.8990, 60.0410



67.1459, 65.8990, 52.2309

Triad

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



70.5368, 65.8990, 60.0410



55.3849, 65.8990, 59.8578



62.5934, 65.8990, 99.8115

Complementary

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



70.5368, 65.8990, 60.0410



72.7739, 84.4070, 104.5527

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.



58.3309, 65.8990, 95.6179



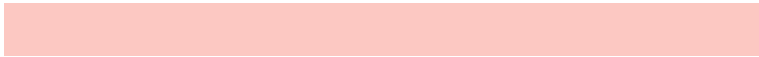
70.5368, 65.8990, 60.0410



54.2941, 65.8990, 71.6337

Square

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



70.5368, 65.8990, 60.0410



58.3996, 65.8990, 52.1345



55.3466, 65.8990, 84.8964



67.0704, 65.8990, 95.7624

Rectangle

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



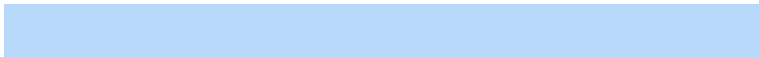
70.5368, 65.8990, 60.0410



64.2069, 65.8990, 49.8309



55.3466, 65.8990, 84.8964



61.0890, 65.8990, 99.3126

Sweetspot

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



70.5386, 65.9020, 60.0424



87.4139, 89.1150, 92.8294



76.1027, 65.9460, 96.0683



18.5761, 18.8828, 19.5879



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

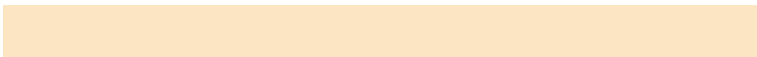
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5386, 65.9020, 60.0424



68.4789, 61.9620, 53.4785



77.8472, 80.5193, 62.4786



17.3892, 17.5142, 17.9265



21.1540, 11.2646, 1.0593



2.0056, 1.1360, 0.1136

Inverse Universe

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



72.7739, 84.4070, 104.5527



71.1685, 84.2551, 107.1196



64.6840, 68.2273, 101.8560



17.6033, 19.2834, 22.1796



23.3713, 32.0982, 52.9373



2.2074, 3.0586, 4.9172

Previews

White Background



This preview shows how the XYZ color 70.5368, 65.8990, 60.0410 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 70.5368, 65.8990, 60.0410 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 70.5368, 65.8990, 60.0410

Background



This preview shows how black text looks on a background with the XYZ color 70.5368, 65.8990, 60.0410.

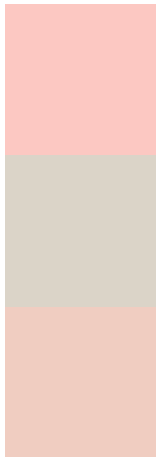


This preview shows how white text looks on a background with the XYZ color 70.5368, 65.8990,

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

70.5368, 65.8990, 60.0410

Protanopia

63.1822, 66.3172, 64.1140

Deuteranopia

67.3921, 66.0382, 59.6468



Tritanopia

72.7230, 65.7568, 71.1468

Trichromacy



Original Color

70.5368, 65.8990, 60.0410

Protanomaly

65.7039, 66.1779, 62.7367

Deuteranomaly

68.2898, 65.7952, 59.5526

Tritanomaly

71.7215, 65.6786, 66.6547

Monochromacy



Original Color

70.5368, 65.8990, 60.0410

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.3040, 67.0922, 68.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5368, 65.8990, 60.0410 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(252, 200, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 200, 194)  
}
```

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(252, 200, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 200, 194) }
```

Border

The CSS property to change the border of an element to XYZ 70.5368, 65.8990, 60.0410 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(252, 200, 194) }
```


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

```
.border{ border-color:rgb(252, 200, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 200, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 200, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 200, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 200,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5368, 65.8990, 60.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 200, 194) }
```

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

```
.background{ background-color: rgb(252,  
200, 194) }
```

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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