

Converting Colors

XYZ(70.4414, 65.7457, 63.5721)

Have a look what the booklet for
XYZ(70.4414, 65.7457, 63.5721)
contains.

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Color

**XYZ(70.5039, 65.8027,
63.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC8C8
RGB	250, 200, 200
RGB Percent	98%, 78%, 78%
CMY	0.0196, 0.2157, 0.2157
CMYK	0.00, 0.20, 0.20, 0.02
HSL	0°, 83%, 88%
HSV	0°, 20%, 98%
XYZ	70.5039, 65.8027, 63.6288
YIQ	214.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

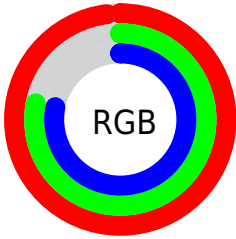
Format	Color
R _Y B	250, 200, 200
Decimal	16435400
CIE Lab	84.90, 17.72, 6.75
CIE LCh	85, 18.961, 20.850
Yxy	65.8027, 0.3526, 0.3291
Android (android.graphics.Color)	4294625480 (0xFFFA8C8)
YUV	214.9500, -7.3703, 30.7389
Hunter-Lab	81.1189, 13.1840, 10.2767

Details

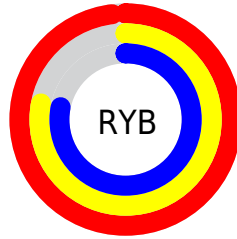
The XYZ color **70.5039, 65.8027, 63.6288** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2594, 87.5502, 103.3751**, and the grayscale version is **64.5932, 67.9571, 74.0052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4595, 33.9705, 31.7768** is the 20% darker color. If you saturate the color by 10%, you get **62.4941, 54.0826, 47.7033**, and if you desaturate by 10%, it is **79.9416, 79.6129, 82.3887**.

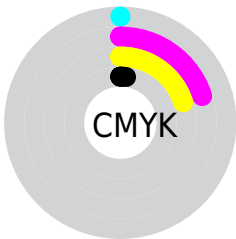
Distribution



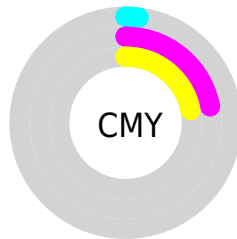
- Red (98%)
- Green (78%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (2%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5039, 65.8027, 63.6288 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 70.5039, 65.8027, 63.6288 by changing the saturation by 10% instead.


 70.5039, 65.8027,
63.6288

 70.5039, 65.8027,
63.6288


451.5562,
445.6709, 456.0186

 52.2185, 48.1123,
45.9058

118.9494,
113.2031, 111.6705

 37.4043, 33.9158,
31.8234

149.8403,
143.6819, 142.8263

 25.6958, 22.8289,
20.9629


185.6637,
179.1922, 179.2968

 16.7277, 14.4672,
12.9059

226.7850,
220.1184, 221.5005

 10.1346, 8.4463,
7.2338

273.5695,
266.8451, 269.8560

 5.5512, 4.3819,
3.5281

326.3827,

 2.6122, 1.8894,

319.7564, 324.7818

1.3702

385.5898,
379.2369, 386.6965

0.9522, 0.5420,
0.1183

0.0000, 0.0000,
0.0000

70.5039, 65.8027,
63.6288

70.5039, 65.8027,
63.6288

62.4941, 54.0826,
47.7033

79.9416, 79.6129,
82.3887

55.8377, 44.3423,
34.4707

90.8661, 95.5984,
104.1069

50.4615, 36.4754,
23.7833

93.2345, 99.0641,
108.8150

46.2835, 30.3615,
15.4779

■ 43.2118, 25.8667,
9.3721

■ 41.1417, 22.8373,
5.2574

■ 39.9481, 21.0905,
2.8851

■ 39.4248, 20.3246,
1.8452

■ 39.4248, 20.3246,
1.8451

Harmonies

Analogous

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



70.9724, 65.8027, 75.4385



70.5039, 65.8027, 63.6288



67.8517, 65.8027, 54.9721

Triad

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



70.5039, 65.8027, 63.6288



56.4117, 65.8027, 57.8511



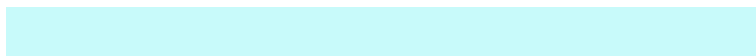
61.2516, 65.8027, 97.3561

Complementary

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



70.5039, 65.8027, 63.6288



75.2594, 87.5502, 103.3751

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.



57.5196, 65.8027, 91.3951



70.5039, 65.8027, 63.6288



54.8099, 65.8027, 67.9865

Square

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



70.5039, 65.8027, 63.6288



59.6769, 65.8027, 51.9084



55.2060, 65.8027, 80.3141



65.5005, 65.8027, 95.8476

Rectangle

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



70.5039, 65.8027, 63.6288



65.2656, 65.8027, 51.7170



55.2060, 65.8027, 80.3141



59.8981, 65.8027, 96.1364

Sweetspot

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



70.5057, 65.8057, 63.6302



87.9959, 89.6780, 94.8763



77.3345, 68.5354, 99.5955



18.6778, 18.9651, 19.9955



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.



70.5057, 65.8057, 63.6302



70.2038, 63.6433, 59.5055



76.7754, 78.3452, 65.7201



17.2448, 17.2255, 17.8784



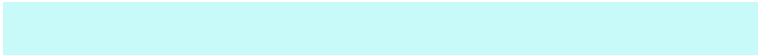
20.9121, 10.7809, 0.9787



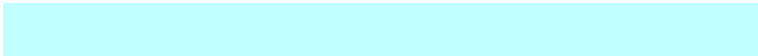
1.9369, 0.9986, 0.0907

Inverse Universe

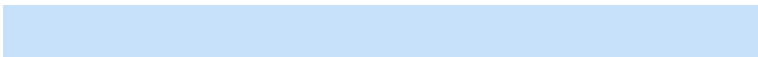
The Inverse Universe completely reimagines the original color for something new.



75.2594, 87.5502, 103.3751



76.0050, 90.1791, 108.0082



68.0006, 73.0326, 100.9555



17.7657, 19.6083, 22.2337



27.2820, 39.9196, 54.2409



2.5268, 3.6973, 5.0237

Previews

White Background



This preview shows how the XYZ color 70.5039, 65.8027, 63.6288 looks on a white background.

Color Contrast Check

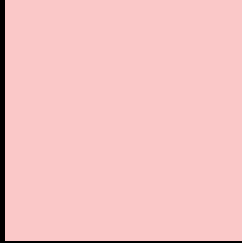
Large Text (above 18pt) WCAG AA × Fail

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 70.5039, 65.8027, 63.6288 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 70.5039, 65.8027, 63.6288

Background



This preview shows how black text looks on a background with the XYZ color 70.5039, 65.8027, 63.6288.



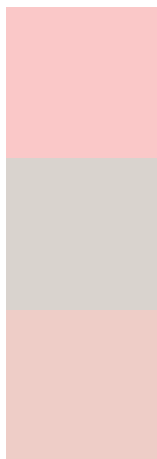
This preview shows how white text looks on a background with the XYZ color 70.5039, 65.8027,

63.6288.

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

70.5039, 65.8027, 63.6288

Protanopia

63.0501, 65.7965, 67.7694

Deuteranopia

67.4000, 65.9633, 63.2127



Tritanopia

72.3492, 65.8877, 71.8552

Trichromacy



Original Color

70.5039, 65.8027, 63.6288

Protanomaly

65.5250, 65.6433, 66.3436

Deuteranomaly

68.2827, 65.7126, 63.1178

Tritanomaly

71.5923, 65.9101, 68.6231

Monochromacy



Original Color

70.5039, 65.8027, 63.6288

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.6744, 67.2403, 70.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5039, 65.8027, 63.6288 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(250, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 200, 200)  
}
```

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(250, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 70.5039, 65.8027, 63.6288 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(250, 200, 200) }
```


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

```
.border{ border-color:rgb(250, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5039, 65.8027, 63.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 200) }
```

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

```
.background{ background-color: rgb(250,  
200, 200) }
```

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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