

Converting Colors

XYZ(68.5240, 65.0583, 66.7035)

Have a look what the booklet for
XYZ(68.5240, 65.0583, 66.7035)
contains.

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Color

**XYZ(68.5240, 65.0583,
66.7035)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F2C9CD |
| RGB | 242, 201, 205 |
| RGB Percent | 95%, 79%, 80% |
| CMY | 0.0510, 0.2117, 0.1961 |
| CMYK | 0.00, 0.17, 0.15, 0.05 |
| HSL | 354°, 61%, 87% |
| HSV | 354°, 17%, 95% |
| XYZ | 68.5240, 65.0583, 66.7035 |
| YIQ | 213.7150, 23.1520, 9.9360 |

Conversions

Conversions Part 2

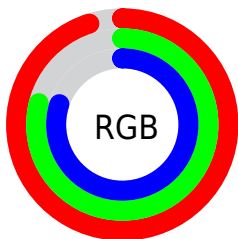
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 201, 205 |
| Decimal | 15911373 |
| CIE Lab | 84.51, 15.09, 3.44 |
| CIE LCh | 85, 15.475, 12.840 |
| Yxy | 65.0583, 0.3421, 0.3248 |
| Android (android.graphics.Color) | 4294101453 (0xFFFF2C9CD) |
| YUV | 213.7150, -4.2965, 24.8059 |
| Hunter-Lab | 80.6587, 10.4927, 7.4292 |

Details

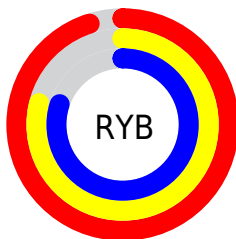
The XYZ color **68.5240, 65.0583, 66.7035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2747, 82.0963, 92.9825**, and the grayscale version is **63.7435, 67.0631, 73.0318**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0272, 33.4161, 33.8293** is the 20% darker color. If you saturate the color by 10%, you get **60.8659, 53.6705, 52.0386**, and if you desaturate by 10%, it is **77.4425, 78.3766, 83.6059**.

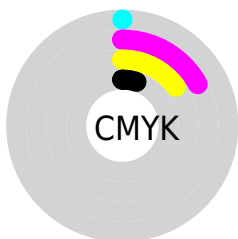
Distribution



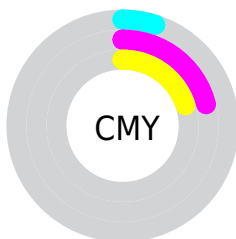
- Red (95%)
- Green (79%)
- Blue (80%)



- Red (95%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5240, 65.0583, 66.7035 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 68.5240, 65.0583, 66.7035 by changing the saturation by 10% instead.

68.5240, 65.0583,
66.7035

68.5240, 65.0583,
66.7035

444.6980,
443.0014, 467.3614

50.5994, 47.5084,
48.3836

116.1392,
112.1337, 116.1321

36.1096, 33.4377,
33.7686

146.5606,
142.4279, 148.0778

24.6894, 22.4620,
22.4400

181.8782,
177.7390, 185.4027

15.9733, 14.1967,
13.9792

222.4575,
218.4513, 228.5251

9.5960, 8.2576,
7.9676

268.6637,
264.9494, 277.8636

5.1921, 4.2602,
3.9867

320.8623,

2.3963, 1.8202,

317.6175, 333.8368

1.6181

379.4186,
376.8400, 396.8632

■ 0.8433, 0.4997,
0.3037

■ 0.0000, 0.0000,
0.0000

■ 68.5240, 65.0583,
66.7035

■ 68.5240, 65.0583,
66.7035

■ 60.8659, 53.6705,
52.0386

■ 77.4425, 78.3766,
83.6059

■ 54.4061, 44.1154,
39.5133

■ 87.6692, 93.6998,
102.8297

■ 49.0855, 36.2998,
29.0288

■ 90.4282, 97.6174,
108.6837

■ 44.8376, 30.1188,
20.4766

■ 41.5891, 25.4562,
13.7383

■ 39.2574, 22.1807,
8.6825

■ 37.7465, 20.1382,
5.1596

■ 36.9364, 19.1332,
2.9928

■ 36.7788, 18.9416,
2.5594

Harmonies

Analogous

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



68.3856, 65.0583, 76.5853



68.5240, 65.0583, 66.7035



66.8230, 65.0583, 58.7018

Triad

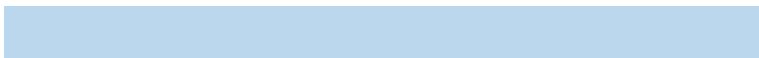
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5240, 65.0583, 66.7035



57.4391, 65.0583, 57.8138



59.9015, 65.0583, 90.5604

Complementary

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



68.5240, 65.0583, 66.7035



71.2747, 82.0963, 92.9825

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.



57.1034, 65.0583, 84.5399



68.5240, 65.0583, 66.7035



55.7184, 65.0583, 65.3846

Square

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



68.5240, 65.0583, 66.7035



60.3751, 65.0583, 53.8994



55.5979, 65.0583, 75.1387



63.3202, 65.0583, 90.9973

Rectangle

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



68.5240, 65.0583, 66.7035



64.9103, 65.0583, 55.2592



55.5979, 65.0583, 75.1387



58.8603, 65.0583, 89.0986

Sweetspot

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



68.5258, 65.0612, 66.7049



89.3188, 91.4141, 98.1217



72.1419, 66.3469, 93.0089



18.9519, 19.3180, 20.6893



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.



68.5258, 65.0612, 66.7049



74.3379, 69.0477, 69.7121



72.0786, 72.9288, 65.5397



15.8354, 15.7839, 16.6893



19.7798, 10.1843, 1.4910



1.6664, 0.8556, 0.2343

Inverse Universe

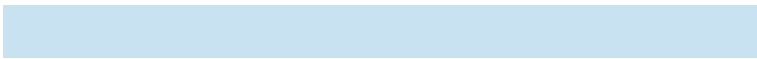
The Inverse Universe completely reimagines the original color for something new.



68.5258, 65.0612, 66.7049



74.3379, 69.0477, 69.7121



67.2045, 73.0061, 94.5545



15.8354, 15.7839, 16.6893



19.7798, 10.1843, 1.4910



1.6664, 0.8556, 0.2343

Previews

White Background



This preview shows how the XYZ color 68.5240, 65.0583, 66.7035 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 68.5240, 65.0583, 66.7035 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 68.5240, 65.0583, 66.7035

Background



This preview shows how black text looks on a background with the XYZ color 68.5240, 65.0583, 66.7035.



This preview shows how white text looks on a background with the XYZ color 68.5240, 65.0583,

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

68.5240, 65.0583, 66.7035

Protanopia

62.7038, 65.1934, 70.2515

Deuteranopia

66.4236, 65.0378, 66.1794



Tritanopia

69.6513, 64.8078, 73.1281

Trichromacy



Original Color

68.5240, 65.0583, 66.7035

Protanomaly

64.7493, 65.1873, 68.8443

Deuteranomaly

67.1801, 65.0760, 66.1469

Tritanomaly

69.3743, 65.0664, 70.5307

Monochromacy



Original Color

68.5240, 65.0583, 66.7035

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.2988, 66.1514, 70.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5240, 65.0583, 66.7035 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(242, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 205)  
}
```

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(242, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 205) }
```

Border

The CSS property to change the border of an element to XYZ 68.5240, 65.0583, 66.7035 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(242, 201, 205) }
```


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

```
.border{ border-color:rgb(242, 201, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5240, 65.0583, 66.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 205) }
```

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

```
.background{ background-color: rgb(242,  
201, 205) }
```

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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