

Converting Colors

XYZ(65.8998, 56.3992, 71.6335)

Have a look what the booklet for
XYZ(65.8998, 56.3992, 71.6335)
contains.

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Color

**XYZ(66.0420, 56.5590,
71.7262)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B3D7
RGB	245, 179, 215
RGB Percent	96%, 70%, 84%
CMY	0.0392, 0.2980, 0.1569
CMYK	0.00, 0.27, 0.12, 0.04
HSL	327°, 77%, 83%
HSV	327°, 27%, 96%
XYZ	66.0420, 56.5590, 71.7262
YIQ	202.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

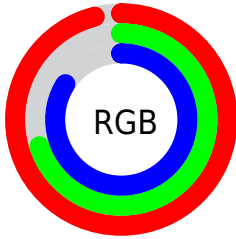
Format	Color
R _Y B	245, 179, 215
Decimal	16102359
CIE Lab	79.93, 29.36, -8.62
CIE LCh	80, 30.602, 343.633
Yxy	56.5590, 0.3398, 0.2911
Android (android.graphics.Color)	4294292439 (0xFFFF5B3D7)
YUV	202.8380, 5.9959, 36.9761
Hunter-Lab	75.2057, 25.1400, -3.9028

Details

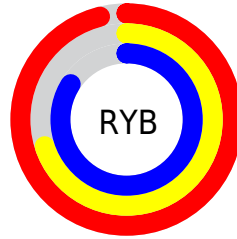
The XYZ color **66.0420, 56.5590, 71.7262** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.7537, 79.4934, 72.3615**, and the grayscale version is **56.6159, 59.5644, 64.8656**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **34.5451, 28.1511, 36.8707** is the 20% darker color. If you saturate the color by 10%, you get **60.1785, 47.0443, 62.9500**, and if you desaturate by 10%, it is **72.8786, 67.8625, 81.3087**.

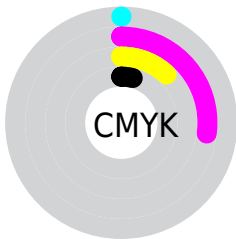
Distribution



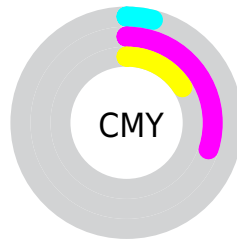
- Red (96%)
- Green (70%)
- Blue (84%)



- Red (96%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0420, 56.5590, 71.7262 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 66.0420, 56.5590, 71.7262 by changing the saturation by 10% instead.


 66.0420, 56.5590,
71.7262

 66.0420, 56.5590,
71.7262


436.0133,
411.7948, 485.5399

 48.5743, 40.6513,
52.4496


 112.6040, 99.8214,
123.3713

 34.4951, 28.0467,
36.9788


142.4291,
127.9449, 156.5768

 23.4389, 18.3609,
24.8954


177.1039,
160.9091, 195.2624

 15.0404, 11.2094,
15.7809

216.9940,
199.0985, 239.8466

 8.9342, 6.2078,
9.2165

262.4646,
242.8973, 290.7479

 4.7551, 2.9719,
4.7840


313.8812,


 2.1376, 1.1171,


292.6900, 348.3848


2.0646


371.6089,
348.8610, 413.1760


 0.7095, 0.0000,
0.5946


 0.0000, 0.0000,
0.0000


 66.0420, 56.5590,
71.7262


 66.0420, 56.5590,
71.7262


 60.1785, 47.0443,
62.9500


 72.8786, 67.8625,
81.3087


 55.2351, 39.2175,
54.9511

 80.7279, 81.0333,
91.7181

 51.1609, 32.9796,
47.7033

 89.6334, 96.1547,
102.9784

 47.8979, 28.2178,
41.1772

 91.4665, 98.1526,
108.7323

■ 45.3807, 24.8044,
35.3406

■ 43.5326, 22.5897,
30.1569

■ 42.2563, 21.3829,
25.5826

■ 41.9337, 21.1235,
24.2861

Harmonies

Analogous

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



62.4214, 56.5590, 89.7845



66.0420, 56.5590, 71.7262



66.2112, 56.5590, 53.8724

Triad

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



66.0420, 56.5590, 71.7262



50.9931, 56.5590, 33.9788



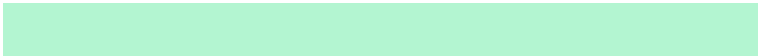
45.5735, 56.5590, 88.3101

Complementary

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



66.0420, 56.5590, 71.7262



62.7537, 79.4934, 72.3615

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.



42.9726, 56.5590, 69.9967



66.0420, 56.5590, 71.7262



45.9351, 56.5590, 40.0079

Square

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



66.0420, 56.5590, 71.7262



57.1915, 56.5590, 34.2635



43.0997, 56.5590, 52.4444



50.4640, 56.5590, 100.5475

Rectangle

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



66.0420, 56.5590, 71.7262



64.3201, 56.5590, 44.5242



43.0997, 56.5590, 52.4444



44.4198, 56.5590, 82.5225

Sweetspot

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



66.0436, 56.5616, 71.7274



87.4266, 87.0849, 99.1702



58.8136, 52.3473, 93.3911



18.4239, 18.1529, 20.8492



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.



66.0436, 56.5616, 71.7274



68.9031, 56.3579, 73.5122



62.2529, 55.0453, 51.7655



16.8773, 16.6338, 19.1002



22.6612, 11.4079, 13.4563



2.0435, 1.0234, 1.4556

Inverse Universe

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



66.0436, 56.5616, 71.7274



68.9031, 56.3579, 73.5122



67.2266, 81.2826, 95.9151



16.8773, 16.6338, 19.1002



22.6612, 11.4079, 13.4563



2.0435, 1.0234, 1.4556

Previews

White Background



This preview shows how the XYZ color 66.0420, 56.5590, 71.7262 looks on a white background.

Color Contrast Check

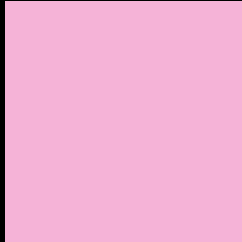
Large Text (above 18pt) WCAG AA × Fail

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 66.0420, 56.5590, 71.7262 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 66.0420, 56.5590, 71.7262

Background



This preview shows how black text looks on a background with the XYZ color 66.0420, 56.5590, 71.7262.



This preview shows how white text looks on a background with the XYZ color 66.0420, 56.5590,

71.7262.

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

66.0420, 56.5590, 71.7262

Protanopia

55.9419, 56.8928, 79.9845

Deuteranopia

57.8176, 56.7423, 70.1924



Tritanopia

63.6539, 56.4961, 59.7745

Trichromacy



Original Color

66.0420, 56.5590, 71.7262

Protanomaly

59.0388, 56.2470, 76.8523

Deuteranomaly

60.4249, 56.4585, 70.6636

Tritanomaly

64.6116, 56.5926, 64.0180

Monochromacy



Original Color

66.0420, 56.5590, 71.7262

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.4677, 57.9940, 67.0912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0420, 56.5590, 71.7262 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(245, 179, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 215)  
}
```

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(245, 179, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.0420, 56.5590, 71.7262 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(245, 179, 215) }
```


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

```
.border{ border-color:rgb(245, 179, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0420, 56.5590, 71.7262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 215) }
```

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

```
.background{ background-color: rgb(245,  
179, 215) }
```

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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