

Converting Colors

XYZ(66.5269, 56.3635, 65.1326)

Have a look what the booklet for
XYZ(66.5269, 56.3635, 65.1326)
contains.

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Color

**XYZ(66.5252, 56.3613,
65.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB1CD
RGB	251, 177, 205
RGB Percent	98%, 69%, 80%
CMY	0.0157, 0.3059, 0.1961
CMYK	0.00, 0.29, 0.18, 0.02
HSL	337°, 90%, 84%
HSV	337°, 29%, 98%
XYZ	66.5252, 56.3613, 65.1302
YIQ	202.3180, 35.1160, 24.3960

Conversions

Conversions Part 2

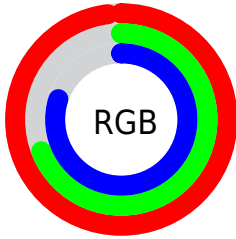
Format	Color
R _Y B	251, 177, 205
Decimal	16495053
CIE Lab	79.82, 30.92, -3.31
CIE LCh	80, 31.099, 353.891
Yxy	56.3613, 0.3538, 0.2998
Android (android.graphics.Color)	4294685133 (0xFFFBB1CD)
YUV	202.3180, 1.3222, 42.6941
Hunter-Lab	75.0742, 26.7938, 1.1152

Details

The XYZ color **66.5252, 56.3613, 65.1302** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.9502, 83.6705, 82.4900**, and the grayscale version is **56.3156, 59.2484, 64.5215**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **34.7859, 27.9871, 32.8468** is the 20% darker color. If you saturate the color by 10%, you get **60.2254, 46.6268, 54.1963**, and if you desaturate by 10%, it is **73.9279, 67.9997, 77.3598**.

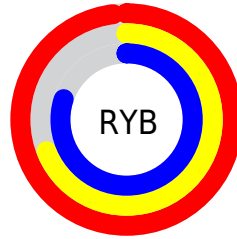
Distribution



Red (98%)

Green (69%)

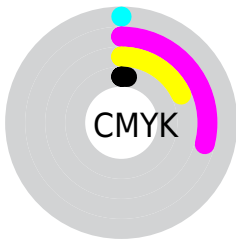
Blue (80%)



Red (98%)

Yellow (69%)

Blue (80%)

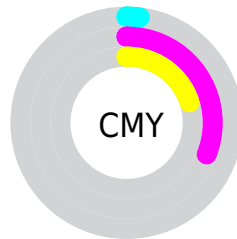


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.5252, 56.3613, 65.1302 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 66.5252, 56.3613, 65.1302 by changing the saturation by 10% instead.


 66.5252, 56.3613,
65.1302

 66.5252, 56.3613,
65.1302

437.7119,
411.0517, 461.5787

 48.9681, 40.4927,
47.1146


 113.2934, 99.5326,
113.8521

 34.8086, 27.9229,
32.7713


143.2352,
127.6041, 145.3955

 23.6813, 18.2675,
21.6816


178.0360,
160.5121, 182.2853

 15.2209, 11.1422,
13.4271

218.0611,
198.6408, 224.9400

 9.0619, 6.1626,
7.5891

263.6759,
242.3747, 273.7782

 4.8390, 2.9442,
3.7492


315.2457,


 2.1869, 1.1027,


292.0982, 329.2183


1.4888


373.1360,
348.1958, 391.6790


 0.7358, 0.0000,
0.2096


 0.0000, 0.0000,
0.0000

 66.5252, 56.3613,
65.1302


 66.5252, 56.3613,
65.1302


 60.2254, 46.6268,
54.1963


 73.9279, 67.9997,
77.3598

 54.9681, 38.6860,
44.5091

 82.4801, 81.6287,
90.9246

 50.6943, 32.4296,
36.0213

 92.2315, 97.3391,
105.8668

 47.3369, 27.7328,
28.6807

 93.5938, 99.2493,
108.8319

■ 44.8195, 24.4533,
22.4305

■ 43.0525, 22.4223,
17.2074

■ 41.8990, 21.3781,
12.9302

■ 41.8477, 21.3349,
12.7302

Harmonies

Analogous

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



63.9528, 56.3613, 84.1408



66.5252, 56.3613, 65.1302



65.4129, 56.3613, 48.3750

Triad

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



66.5252, 56.3613, 65.1302



48.8168, 56.3613, 34.8221



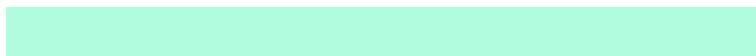
46.7502, 56.3613, 93.8403

Complementary

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



66.5252, 56.3613, 65.1302



65.9502, 83.6705, 82.4900

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.



43.2499, 56.3613, 76.5009



66.5252, 56.3613, 65.1302



44.3761, 56.3613, 43.1263

Square

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



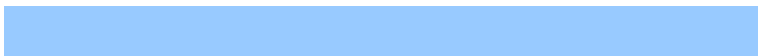
66.5252, 56.3613, 65.1302



54.8678, 56.3613, 32.9561



42.4159, 56.3613, 57.7533



52.2923, 56.3613, 102.6793

Rectangle

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



66.5252, 56.3613, 65.1302



62.7721, 56.3613, 40.3404



42.4159, 56.3613, 57.7533



45.3138, 56.3613, 88.6666

Sweetspot

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



66.5268, 56.3639, 65.1314



85.9480, 85.3363, 94.9517



63.4554, 54.0420, 98.3539



18.1020, 17.7937, 19.8644



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.



66.5268, 56.3639, 65.1314



65.1997, 52.5892, 61.0623



65.2032, 58.6497, 49.4822



17.5163, 17.3339, 19.3085



22.0619, 11.2405, 7.0344



2.0930, 1.0609, 0.9132

Inverse Universe

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



66.5268, 56.3639, 65.1314



65.1997, 52.5892, 61.0623



67.4073, 80.0364, 103.1630



17.5163, 17.3339, 19.3085



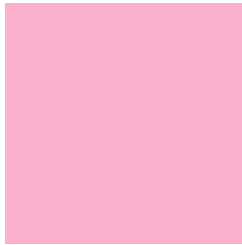
22.0619, 11.2405, 7.0344



2.0930, 1.0609, 0.9132

Previews

White Background



This preview shows how the XYZ color 66.5252, 56.3613, 65.1302 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 66.5252, 56.3613, 65.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

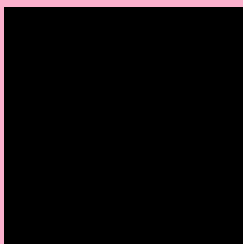
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5252, 56.3613, 65.1302

Background



This preview shows how black text looks on a background with the XYZ color 66.5252, 56.3613, 65.1302.



This preview shows how white text looks on a background with the XYZ color 66.5252, 56.3613,

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

66.5252, 56.3613, 65.1302

Protanopia

55.2556, 56.6780, 73.6733

Deuteranopia

57.8292, 56.5625, 63.7468



Tritanopia

65.1701, 56.4144, 57.9063

Trichromacy



Original Color

66.5252, 56.3613, 65.1302

Protanomaly

58.7426, 56.2299, 70.7082

Deuteranomaly

60.8629, 56.5105, 64.1997

Tritanomaly

65.4228, 56.1960, 60.2221

Monochromacy



Original Color

66.5252, 56.3613, 65.1302

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

59.3647, 57.6674, 64.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5252, 56.3613, 65.1302 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(251, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(251, 177, 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(251, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 177, 205) }
```

Border

The CSS property to change the border of an element to XYZ 66.5252, 56.3613, 65.1302 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(251, 177, 205) }
```


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

```
.border{ border-color:rgb(251, 177, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 177, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(251, 177,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5252, 56.3613, 65.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 177, 205) }
```

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

```
.background{ background-color: rgb(251,  
177, 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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