

Converting Colors

XYZ(66.7785, 53.9592, 68.4076)

Have a look what the booklet for
XYZ(66.7785, 53.9592, 68.4076)
contains.

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Color

**XYZ(66.6336, 53.7792,
68.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA8D3
RGB	254, 168, 211
RGB Percent	100%, 66%, 83%
CMY	0.0039, 0.3412, 0.1725
CMYK	0.00, 0.34, 0.17, 0.00
HSL	330°, 98%, 83%
HSV	330°, 34%, 100%
XYZ	66.6336, 53.7792, 68.4965
YIQ	198.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

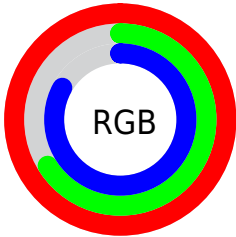
Format	Color
R_{YB}	254, 168, 211
Decimal	16689363
CIE Lab	78.33, 37.57, -8.73
CIE LCh	78, 38.569, 346.923
Yxy	53.7792, 0.3527, 0.2847
Android (android.graphics.Color)	4294879443 (0xFFFEA8D3)
YUV	198.6160, 6.1053, 48.5718
Hunter-Lab	73.3343, 33.8551, -4.0447

Details

The XYZ color **66.6336, 53.7792, 68.4965** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.3505, 83.9132, 74.4898**, and the grayscale version is **54.0008, 56.8131, 61.8694**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **34.8964, 26.3975, 34.7085** is the 20% darker color. If you saturate the color by 10%, you get **60.8645, 44.6889, 59.0258**, and if you desaturate by 10%, it is **73.4474, 64.7564, 78.9373**.

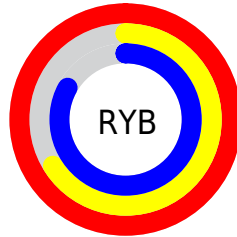
Distribution



Red (100%)

Green (66%)

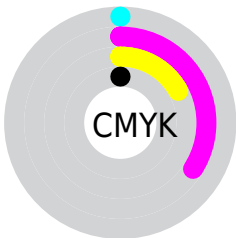
Blue (83%)



Red (100%)

Yellow (66%)

Blue (83%)

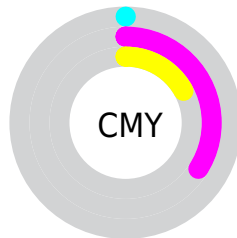


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.6336, 53.7792, 68.4965 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 66.6336, 53.7792, 68.4965 by changing the saturation by 10% instead.


 66.6336, 53.7792,
68.4965


 66.6336, 53.7792,
68.4965


438.0925,
401.2675, 473.8989

 49.0565, 38.4252,
49.8326


 113.4479, 95.7500,
118.7231

 34.8790, 26.3128,
34.9101


 143.4159,
123.1355, 151.1228

 23.7358, 17.0578,
23.3107


178.2449,
155.3003, 188.9381

 15.2614, 10.2757,
14.6156

218.3003,
192.6288, 232.5877

 9.0906, 5.5822,
8.4064

263.9473,
235.5054, 282.4900

 4.8579, 2.5927,
4.2646

315.5515,

 2.1980, 0.9230,

284.3144, 339.0636

1.7716

373.4781,
339.4403, 402.7271

■ 0.7417, 0.0000,
0.4091

■ 0.0000, 0.0000,
0.0000

■ 66.6336, 53.7792,
68.4965

■ 66.6336, 53.7792,
68.4965

■ 60.8645, 44.6889,
59.0258

■ 73.4474, 64.7564,
78.9373

■ 56.0791, 37.3698,
50.4889

■ 81.3533, 77.7125,
90.3762

■ 52.2168, 31.7049,
42.8514

■ 90.4012, 92.7426,
102.8435

■ 49.2079, 27.5600,
36.0747

94.6834, 99.8110,
108.8828

■ 46.9721, 24.7795,
30.1160

■ 45.4118, 23.1736,
24.9261

■ 44.7038, 22.6032,
22.0831

Harmonies

Analogous

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



62.4936, 53.7792, 91.8648



66.6336, 53.7792, 68.4965



66.3325, 53.7792, 47.2479

Triad

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



66.6336, 53.7792, 68.4965



46.9972, 53.7792, 27.0602



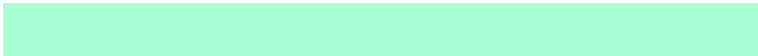
41.8108, 53.7792, 94.5603

Complementary

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



66.6336, 53.7792, 68.4965



63.3505, 83.9132, 74.4898

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.



38.4242, 53.7792, 71.5391



66.6336, 53.7792, 68.4965



41.2098, 53.7792, 34.4641

Square

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



66.6336, 53.7792, 68.4965



54.4777, 53.7792, 26.6299



38.2157, 53.7792, 49.6277



47.8946, 53.7792, 109.2291

Rectangle

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



66.6336, 53.7792, 68.4965



63.6481, 53.7792, 36.9263



38.2157, 53.7792, 49.6277



40.3465, 53.7792, 87.3169

Sweetspot

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



66.6352, 53.7817, 68.4976



85.4624, 84.0015, 95.9104



58.7583, 49.0127, 100.1303



18.0244, 17.5355, 20.1562



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.



66.6352, 53.7817, 68.4976



62.9647, 47.5151, 62.1792



61.9456, 51.9059, 43.8027



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0345



2.3571, 1.1852, 1.4620

Inverse Universe

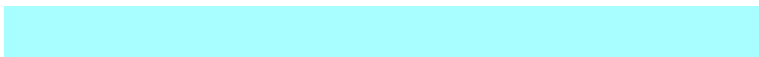
The Inverse Universe completely reimagines the original color for something new.



66.6352, 53.7817, 68.4976



62.9647, 47.5151, 62.1792



69.4814, 86.3656, 106.7749



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0345



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 66.6336, 53.7792, 68.4965 looks on a white background.

Color Contrast Check

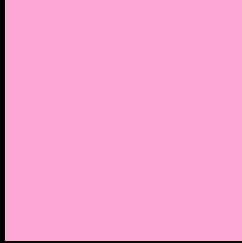
Large Text (above 18pt) WCAG AA × Fail

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 66.6336, 53.7792, 68.4965 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 66.6336, 53.7792, 68.4965

Background



This preview shows how black text looks on a background with the XYZ color 66.6336, 53.7792, 68.4965.



This preview shows how white text looks on a background with the XYZ color 66.6336, 53.7792,

68.4965.

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

66.6336, 53.7792, 68.4965

Protanopia

53.6741, 54.3773, 80.3400

Deuteranopia

55.1922, 54.1656, 66.5775



Tritanopia

63.5902, 53.9415, 53.5146

Trichromacy



Original Color

66.6336, 53.7792, 68.4965



Protanomaly

57.3430, 53.4985, 75.7105



Deuteranomaly

58.6495, 53.4491, 66.9001



Tritanomaly

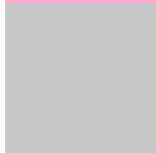
64.5581, 53.7614, 58.6042

Monochromacy



Original Color

66.6336, 53.7792, 68.4965



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.9761, 55.3383, 64.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6336, 53.7792, 68.4965 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(254, 168, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 168, 211)  
}
```

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(254, 168, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 168, 211) }
```

Border

The CSS property to change the border of an element to XYZ 66.6336, 53.7792, 68.4965 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(254, 168, 211) }
```


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

```
.border{ border-color:rgb(254, 168, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 168, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 168, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 168, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 168,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6336, 53.7792, 68.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 168, 211) }
```

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

```
.background{ background-color: rgb(254,  
168, 211) }
```

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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