

Converting Colors

XYZ(65.1960, 53.3353, 58.7377)

Have a look what the booklet for
XYZ(65.1960, 53.3353, 58.7377)
contains.

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Color

**XYZ(65.0930, 53.2054,
58.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8C3
RGB	255, 168, 195
RGB Percent	100%, 66%, 76%
CMY	0.0000, 0.3412, 0.2353
CMYK	0.00, 0.34, 0.24, 0.00
HSL	341°, 100%, 83%
HSV	341°, 34%, 100%
XYZ	65.0930, 53.2054, 58.4687
YIQ	197.0910, 43.1850, 26.8410

Conversions

Conversions Part 2

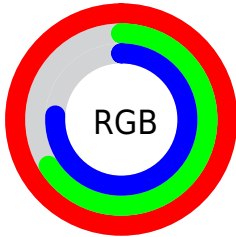
Format	Color
R _Y B	255, 168, 195
Decimal	16754883
CIE Lab	78.00, 35.57, -0.50
CIE LCh	78, 35.574, 359.196
Yxy	53.2054, 0.3682, 0.3010
Android (android.graphics.Color)	4294944963 (0xFFFFA8C3)
YUV	197.0910, -1.0309, 50.7862
Hunter-Lab	72.9420, 31.6437, 3.5339

Details

The XYZ color **65.0930, 53.2054, 58.4687** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.9141, 85.4473, 86.4215**, and the grayscale version is **53.1149, 55.8810, 60.8544**.

A 20% lighter version of the original color is **85.3082, 81.5363, 102.5086**, and **33.9644, 26.0549, 28.4383** is the 20% darker color. If you saturate the color by 10%, you get **58.9657, 43.9479, 47.1866**, and if you desaturate by 10%, it is **72.3801, 64.4074, 71.2942**.

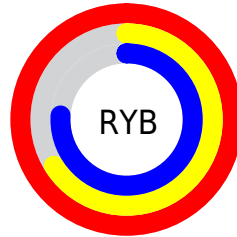
Distribution



Red (100%)

Green (66%)

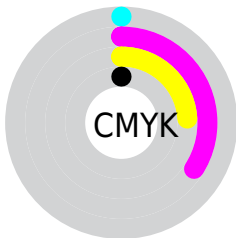
Blue (76%)



Red (100%)

Yellow (66%)

Blue (76%)

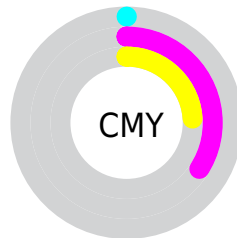


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0930, 53.2054, 58.4687 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 65.0930, 53.2054, 58.4687 by changing the saturation by 10% instead.


 65.0930, 53.2054,
58.4687


 65.0930, 53.2054,
58.4687


432.6660,
399.0727, 436.5771

 47.8015, 37.9668,
41.7684


 111.2485, 94.9065,
104.1266

 33.8803, 25.9569,
28.5958


 140.8432,
122.1378, 133.9212

 22.9641, 16.7914,
18.5323


175.2697,
154.1355, 168.9178

 14.6876, 10.0859,
11.1594

214.8933,
191.2839, 209.5347

 8.6853, 5.4559,
6.0587

260.0794,
233.9674, 256.1905

 4.5919, 2.5172,
2.8114

311.1933,

 2.0422, 0.8852,

282.5704, 309.3038

0.9992

368.6004,
337.4774, 369.2932

■ 0.6575, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0930, 53.2054,
58.4687

■ 65.0930, 53.2054,
58.4687

■ 58.9657, 43.9479,
47.1866

■ 72.3801, 64.4074,
71.2942

■ 53.9321, 36.5161,
37.3841

■ 80.8808, 77.6494,
85.7171

■ 49.9250, 30.7892,
28.9972

■ 90.6497, 93.0291,
101.7926

■ 46.8681, 26.6290,
21.9556

95.0500, 100.0000,
108.9000

■ 44.6733, 23.8749,
16.1818

■ 43.2342, 22.3312,
11.5885

■ 42.6560, 21.8264,
9.3864

Harmonies

Analogous

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



62.8961, 53.2054, 79.7464



65.0930, 53.2054, 58.4687



63.1125, 53.2054, 41.2440

Triad

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



65.0930, 53.2054, 58.4687



44.3467, 53.2054, 30.6029



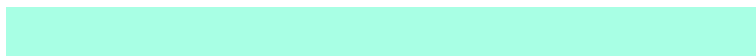
44.0507, 53.2054, 97.2650

Complementary

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



65.0930, 53.2054, 58.4687



65.9141, 85.4473, 86.4215

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.



39.8103, 53.2054, 78.6044



65.0930, 53.2054, 58.4687



39.9699, 53.2054, 40.5090

Square

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



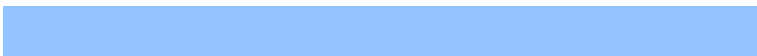
65.0930, 53.2054, 58.4687



50.7573, 53.2054, 27.5460



38.3860, 53.2054, 57.3979



50.3834, 53.2054, 105.0620

Rectangle

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



65.0930, 53.2054, 58.4687



59.7838, 53.2054, 33.5870



38.3860, 53.2054, 57.3979



42.3553, 53.2054, 91.8724

Sweetspot

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



65.0943, 53.2078, 58.4698



84.7443, 83.7143, 92.1294



63.8751, 51.6321, 101.2071



17.8511, 17.4662, 19.2440



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.



65.0943, 53.2078, 58.4698



60.7544, 46.6310, 50.5398



65.4397, 58.3498, 44.8625



18.2415, 18.0799, 19.8888



22.3472, 11.4282, 5.2130



2.2225, 1.1314, 0.7529

Inverse Universe

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



65.0943, 53.2078, 58.4698



60.7544, 46.6310, 50.5398



65.0813, 77.3085, 106.0996



18.2415, 18.0799, 19.8888



22.3472, 11.4282, 5.2130



2.2225, 1.1314, 0.7529

Previews

White Background



This preview shows how the XYZ color 65.0930, 53.2054, 58.4687 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 65.0930, 53.2054, 58.4687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

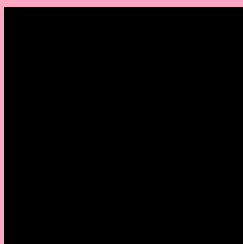
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0930, 53.2054, 58.4687

Background



This preview shows how black text looks on a background with the XYZ color 65.0930, 53.2054, 58.4687.



This preview shows how white text looks on a background with the XYZ color 65.0930, 53.2054,

58.4687.

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

65.0930, 53.2054, 58.4687

Protanopia

52.0965, 53.5092, 67.9041

Deuteranopia

54.4361, 53.3435, 57.2964



Tritanopia

63.7950, 53.2392, 51.7136

Trichromacy



Original Color

65.0930, 53.2054, 58.4687



Protanomaly

55.8569, 52.6737, 64.3498



Deuteranomaly

57.9418, 52.9868, 57.6257



Tritanomaly

64.0307, 53.0346, 53.8756

Monochromacy



Original Color

65.0930, 53.2054, 58.4687



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.4362, 54.0088, 59.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0930, 53.2054, 58.4687 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(255, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 195)  
}
```

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(255, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.0930, 53.2054, 58.4687 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(255, 168, 195) }
```


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

```
.border{ border-color:rgb(255, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 168, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 168, 195); box-shadow:4px 4px 4px 4px rgb(255, 168, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0930, 53.2054, 58.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 195) }
```

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

```
.background{ background-color: rgb(255,  
168, 195) }
```

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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