

Converting Colors

XYZ(65.2006, 53.2460, 59.0662)

Have a look what the booklet for
XYZ(65.2006, 53.2460, 59.0662)
contains.

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Color

**XYZ(65.2064, 53.2508,
59.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8C4
RGB	255, 168, 196
RGB Percent	100%, 66%, 77%
CMY	0.0000, 0.3412, 0.2314
CMYK	0.00, 0.34, 0.23, 0.00
HSL	341°, 100%, 83%
HSV	341°, 34%, 100%
XYZ	65.2064, 53.2508, 59.0662
YIQ	197.2050, 42.8640, 27.1520

Conversions

Conversions Part 2

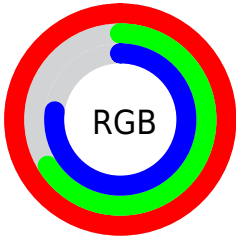
Format	Color
R _Y B	255, 168, 196
Decimal	16754884
CIE Lab	78.02, 35.71, -1.01
CIE LCh	78, 35.725, 358.388
Yxy	53.2508, 0.3673, 0.3000
Android (android.graphics.Color)	4294944964 (0xFFFFA8C4)
YUV	197.2050, -0.5941, 50.6862
Hunter-Lab	72.9731, 31.7987, 3.0905

Details

The XYZ color **65.2064, 53.2508, 59.0662** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.7757, 85.3919, 85.6925**, and the grayscale version is **53.1814, 55.9509, 60.9306**.

A 20% lighter version of the original color is **85.6253, 81.6632, 104.1781**, and **34.0392, 26.0848, 28.8320** is the 20% darker color. If you saturate the color by 10%, you get **59.0956, 43.9999, 47.8708**, and if you desaturate by 10%, it is **72.4699, 64.4434, 71.7666**.

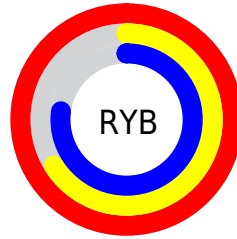
Distribution



Red (100%)

Green (66%)

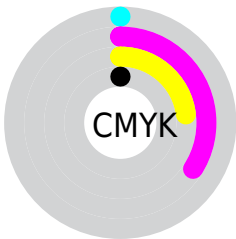
Blue (77%)



Red (100%)

Yellow (66%)

Blue (77%)

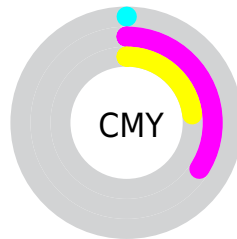


Cyan (0%)

Magenta (34%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2064, 53.2508, 59.0662 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 65.2064, 53.2508, 59.0662 by changing the saturation by 10% instead.


 65.2064, 53.2508,
59.0662


 65.2064, 53.2508,
59.0662

433.0668,
399.2466, 438.8559

 47.8938, 38.0030,
42.2461


 111.4106, 94.9733,
105.0039

 33.9537, 25.9850,
28.9670


 141.0329,
122.2168, 134.9586

 23.0207, 16.8124,
18.8105


175.4891,
154.2277, 170.1285

 14.7296, 10.1009,
11.3580

215.1447,
191.3904, 210.9323

 8.7149, 5.4659,
6.1910

260.3648,
234.0892, 257.7883

 4.6113, 2.5231,
2.8909

311.5150,

 2.0535, 0.8882,

282.7086, 311.1153

1.0392

368.9606,
337.6329, 371.3316

■ 0.6637, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2064, 53.2508,
59.0662

■ 65.2064, 53.2508,
59.0662

■ 59.0956, 43.9999,
47.8708

■ 72.4699, 64.4434,
71.7666

■ 54.0716, 36.5719,
38.1186

■ 80.9391, 77.6728,
86.0239

■ 50.0677, 30.8463,
29.7483

■ 90.6685, 93.0367,
101.8912

■ 47.0079, 26.6849,
22.6919

95.0500, 100.0000,
108.9000

■ 44.8050, 23.9275,
16.8752

■ 43.3530, 22.3787,
12.2141

■ 42.7652, 21.8701,
9.9618

Harmonies

Analogous

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



62.8891, 53.2508, 80.4844



65.2064, 53.2508, 59.0662



63.3254, 53.2508, 41.5989

Triad

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



65.2064, 53.2508, 59.0662



44.5126, 53.2508, 30.3732



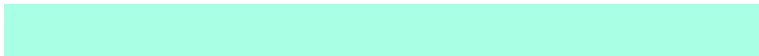
43.9166, 53.2508, 97.1362

Complementary

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



65.2064, 53.2508, 59.0662



65.7757, 85.3919, 85.6925

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.



39.7276, 53.2508, 78.1823



65.2064, 53.2508, 59.0662



40.0489, 53.2508, 40.1198

Square

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



65.2064, 53.2508, 59.0662



50.9908, 53.2508, 27.4843



38.3781, 53.2508, 56.9093



50.2377, 53.2508, 105.3600

Rectangle

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



65.2064, 53.2508, 59.0662



60.0324, 53.2508, 33.7839



38.3781, 53.2508, 56.9093



42.2348, 53.2508, 91.6227

Sweetspot

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



65.2078, 53.2532, 59.0673



84.7873, 83.7315, 92.3556



63.4185, 51.3968, 101.1858



17.8615, 17.4703, 19.2984



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.



65.2078, 53.2532, 59.0673



60.8799, 46.6812, 51.2009



65.1401, 57.7507, 44.7627



18.2503, 18.0834, 19.9351



22.4058, 11.4516, 5.5216



2.2290, 1.1340, 0.7875

Inverse Universe

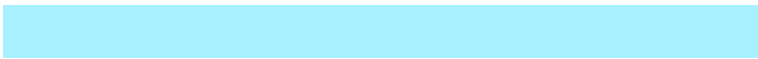
The Inverse Universe completely reimagines the original color for something new.



65.2078, 53.2532, 59.0673



60.8799, 46.6812, 51.2009



65.5076, 78.1612, 106.2417



18.2503, 18.0834, 19.9351



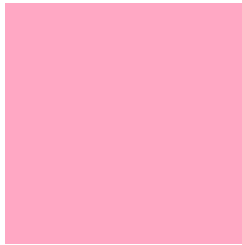
22.4058, 11.4516, 5.5216



2.2290, 1.1340, 0.7875

Previews

White Background



This preview shows how the XYZ color 65.2064, 53.2508, 59.0662 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 65.2064, 53.2508, 59.0662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

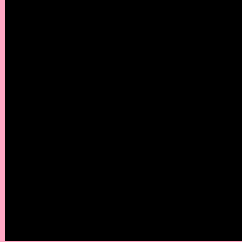
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2064, 53.2508, 59.0662

Background



This preview shows how black text looks on a background with the XYZ color 65.2064, 53.2508, 59.0662.



This preview shows how white text looks on a background with the XYZ color 65.2064, 53.2508,

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

65.2064, 53.2508, 59.0662

Protanopia

52.2207, 53.5589, 68.5583

Deuteranopia

54.5473, 53.3880, 57.8820



Tritanopia

63.7950, 53.2392, 51.7136

Trichromacy



Original Color

65.2064, 53.2508, 59.0662



Protanomaly

55.9773, 52.7218, 64.9836



Deuteranomaly

58.0538, 53.0315, 58.2153



Tritanomaly

64.1381, 53.0776, 54.4415

Monochromacy



Original Color

65.2064, 53.2508, 59.0662



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.5504, 54.0545, 60.2763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2064, 53.2508, 59.0662 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 196) }
```

Border

The CSS property to change the border of an element to XYZ 65.2064, 53.2508, 59.0662 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, 196) }
```


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

```
.border{ border-color:rgb(255, 168, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2064, 53.2508, 59.0662 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
168, 196) }
```

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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