

Converting Colors

XYZ(64.9422, 52.4873, 59.7024)

Have a look what the booklet for
XYZ(64.9422, 52.4873, 59.7024)
contains.

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Color

**XYZ(64.9543, 52.5637,
59.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C5
RGB	255, 166, 197
RGB Percent	100%, 65%, 77%
CMY	0.0000, 0.3490, 0.2274
CMYK	0.00, 0.35, 0.23, 0.00
HSL	339°, 100%, 83%
HSV	339°, 35%, 100%
XYZ	64.9543, 52.5637, 59.5457
YIQ	196.1450, 43.0930, 28.5090

Conversions

Conversions Part 2

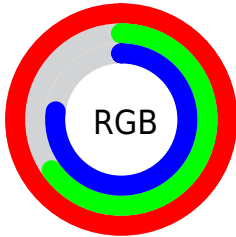
Format	Color
R_{YB}	255, 166, 197
Decimal	16754373
CIE Lab	77.62, 36.89, -2.15
CIE LCh	78, 36.955, 356.672
Yxy	52.5637, 0.3668, 0.2969
Android (android.graphics.Color)	4294944453 (0xFFFFA6C5)
YUV	196.1450, 0.4215, 51.6158
Hunter-Lab	72.5008, 33.0437, 2.0551

Details

The XYZ color **64.9543, 52.5637, 59.5457** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.9425, 85.0098, 83.5105**, and the grayscale version is **52.5370, 55.2731, 60.1924**.

A 20% lighter version of the original color is **85.2507, 80.6583, 104.8413**, and **33.8890, 25.6637, 29.1541** is the 20% darker color. If you saturate the color by 10%, you get **58.9695, 43.4754, 48.6680**, and if you desaturate by 10%, it is **72.0706, 63.5786, 71.8375**.

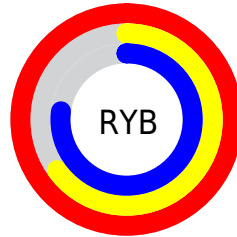
Distribution



Red (100%)

Green (65%)

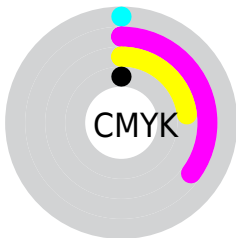
Blue (77%)



Red (100%)

Yellow (65%)

Blue (77%)

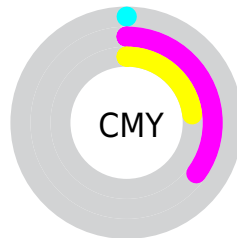


Cyan (0%)

Magenta (35%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9543, 52.5637, 59.5457 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 64.9543, 52.5637, 59.5457 by changing the saturation by 10% instead.


 64.9543, 52.5637,
59.5457


 64.9543, 52.5637,
59.5457


432.1755,
396.6090, 440.6793

 47.6886, 37.4546,
42.6297

 111.0502, 93.9620,
105.7073

 33.7906, 25.5597,
29.2654


 140.6112,
121.0201, 135.7899

 22.8949, 16.4945,
19.0344

175.0012,
152.8299, 171.0985

 14.6362, 9.8748,
11.5181

214.5857,
189.7758, 212.0515

 8.6491, 5.3160,
6.2979

259.7300,
232.2423, 259.0676

 4.5683, 2.4338,
2.9553

310.7995,

 2.0284, 0.8432,

280.6137, 312.5652

1.0719

368.1596,
335.2745, 372.9629

■ 0.6498, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9543, 52.5637,
59.5457

■ 64.9543, 52.5637,
59.5457

■ 58.9695, 43.4754,
48.6680

■ 72.0706, 63.5786,
71.8375

■ 54.0510, 36.1947,
39.1475

■ 80.3710, 76.6157,
85.5912

■ 50.1325, 30.6005,
30.9275

■ 89.9097, 91.7728,
100.8558

■ 47.1384, 26.5534,
23.9454

95.0500, 100.0000,
108.9000

■ 44.9814, 23.8916,
18.1326

■ 43.5551, 22.4165,
13.4110

■ 43.0353, 21.9781,
11.3837

Harmonies

Analogous

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



62.3289, 52.5637, 81.6627



64.9543, 52.5637, 59.5457



63.2570, 52.5637, 41.3385

Triad

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



64.9543, 52.5637, 59.5457



44.0486, 52.5637, 28.8017



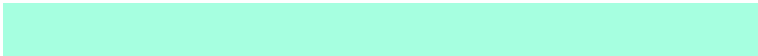
42.7917, 52.5637, 96.7626

Complementary

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



64.9543, 52.5637, 59.5457



64.9425, 85.0098, 83.5105

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.



38.6709, 52.5637, 76.7543



64.9543, 52.5637, 59.5457



39.3467, 52.5637, 38.2372

Square

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



64.9543, 52.5637, 59.5457



50.7614, 52.5637, 26.2749



37.4718, 52.5637, 54.9808



49.1675, 52.5637, 106.1309

Rectangle

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



64.9543, 52.5637, 59.5457



59.9831, 52.5637, 33.1351



37.4718, 52.5637, 54.9808



41.1211, 52.5637, 90.8560

Sweetspot

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



64.9556, 52.5661, 59.5467



84.8866, 83.7712, 92.8783



62.3821, 50.3185, 101.0323



17.8854, 17.4799, 19.4243



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.



64.9556, 52.5661, 59.5467



60.5924, 45.9197, 51.6800



64.3150, 56.3963, 43.5753



18.2706, 18.0915, 20.0419



22.5502, 11.5094, 6.2818



2.2449, 1.1403, 0.8711

Inverse Universe

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



64.9556, 52.5661, 59.5467



60.5924, 45.9197, 51.6800



65.4256, 78.6244, 106.3355



18.2706, 18.0915, 20.0419



22.5502, 11.5094, 6.2818



2.2449, 1.1403, 0.8711

Previews

White Background



This preview shows how the XYZ color 64.9543, 52.5637, 59.5457 looks on a white background.

Color Contrast Check

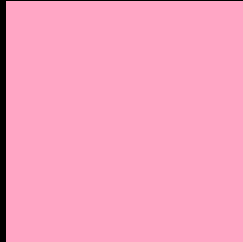
Large Text (above 18pt) WCAG AA × Fail

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 64.9543, 52.5637, 59.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

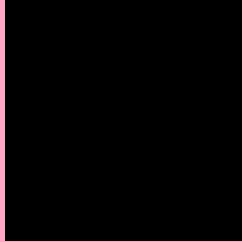
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9543, 52.5637, 59.5457

Background



This preview shows how black text looks on a background with the XYZ color 64.9543, 52.5637, 59.5457.



This preview shows how white text looks on a background with the XYZ color 64.9543, 52.5637,

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

64.9543, 52.5637, 59.5457

Protanopia

51.7497, 52.9622, 69.7826

Deuteranopia

53.7629, 52.6697, 57.7847



Tritanopia

63.0365, 52.5948, 50.5455

Trichromacy



Original Color

64.9543, 52.5637, 59.5457



Protanomaly

55.7220, 52.2570, 66.1812



Deuteranomaly

57.2217, 52.3040, 58.1187



Tritanomaly

63.8453, 52.6640, 53.8139

Monochromacy



Original Color

64.9543, 52.5637, 59.5457



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.9280, 53.4352, 59.5908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9543, 52.5637, 59.5457 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, 166, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 197)  
}
```

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, 166, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 197) }
```

Border

The CSS property to change the border of an element to XYZ 64.9543, 52.5637, 59.5457 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, 166, 197) }
```


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

```
.border{ border-color:rgb(255, 166, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9543, 52.5637, 59.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 197) }
```

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

```
.background{ background-color: rgb(255,  
166, 197) }
```

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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