

Converting Colors

XYZ(70.0160, 54.9739, 60.5217)

Have a look what the booklet for
XYZ(70.0160, 54.9739, 60.5217)
contains.

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Color

**XYZ(64.8882, 52.2475,
60.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5C6
RGB	255, 165, 198
RGB Percent	100%, 65%, 78%
CMY	0.0000, 0.3529, 0.2235
CMYK	0.00, 0.35, 0.22, 0.00
HSL	338°, 100%, 82%
HSV	338°, 35%, 100%
XYZ	64.8882, 52.2475, 60.0909
YIQ	195.6720, 43.0470, 29.3430

Conversions

Conversions Part 2

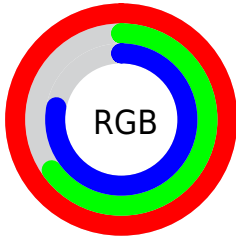
Format	Color
R_{YB}	255, 165, 198
Decimal	16754118
CIE _{Lab}	77.43, 37.55, -2.97
CIE _{LCh}	77, 37.671, 355.482
Yxy	52.2475, 0.3661, 0.2948
Android (android.graphics.Color)	4294944198 (0xFFFFA5C6)
YUV	195.6720, 1.1477, 52.0307
Hunter-Lab	72.2824, 33.7458, 1.3079

Details

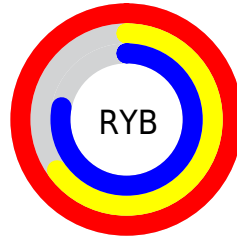
The XYZ color **64.8882, 52.2475, 60.0909** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.4639, 84.7942, 82.0803**, and the grayscale version is **52.2495, 54.9705, 59.8629**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **33.8542, 25.4723, 29.5179** is the 20% darker color. If you saturate the color by 10%, you get **58.9741, 43.2435, 49.4134**, and if you desaturate by 10%, it is **71.9204, 63.1695, 72.1224**.

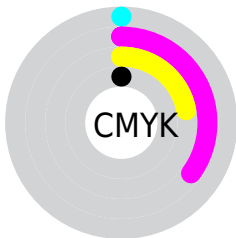
Distribution



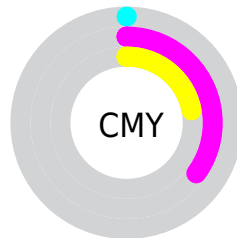
- Red (100%)
- Green (65%)
- Blue (78%)



- Red (100%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8882, 52.2475, 60.0909 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 64.8882, 52.2475, 60.0909 by changing the saturation by 10% instead.


 64.8882, 52.2475,
60.0909


 64.8882, 52.2475,
60.0909


431.9417,
395.3914, 442.7467

 47.6348, 37.2024,
43.0661


 110.9557, 93.4961,
106.5062

 33.7478, 25.3642,
29.6052


 140.5005,
120.4685, 136.7338

 22.8619, 16.3486,
19.2896


174.8732,
152.1853, 172.1994

 14.6117, 9.7712,
11.7008

214.4391,
189.0311, 213.3216

 8.6319, 5.2475,
6.4202

259.5635,
231.3902, 260.5188

 4.5570, 2.3932,
3.0294

310.6118,

 2.0218, 0.8224,

279.6470, 314.2098

1.1096

367.9494,
334.1859, 374.8129

■ 0.6462, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8882, 52.2475,
60.0909

■ 64.8882, 52.2475,
60.0909

■ 58.9741, 43.2435,
49.4134

■ 71.9204, 63.1695,
72.1224

■ 54.1134, 36.0382,
40.0360

■ 80.1230, 76.1052,
85.5529

■ 50.2402, 30.5104,
31.9051

■ 89.5497, 91.1526,
100.4287

■ 47.2790, 26.5202,
24.9617

95.0500, 100.0000,
108.9000

■ 45.1429, 23.9050,
19.1407

■ 43.7252, 22.4646,
14.3681

■ 43.2376, 22.0591,
12.4494

Harmonies

Analogous

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



62.0500, 52.2475, 82.6348



64.8882, 52.2475, 60.0909



63.3322, 52.2475, 41.3872

Triad

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



64.8882, 52.2475, 60.0909



43.9021, 52.2475, 27.9303



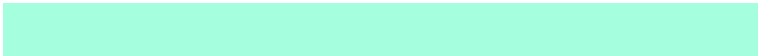
42.1738, 52.2475, 96.5174

Complementary

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



64.8882, 52.2475, 60.0909



64.4639, 84.7942, 82.0803

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.



38.1118, 52.2475, 75.8453



64.8882, 52.2475, 60.0909



39.0394, 52.2475, 37.1368

Square

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



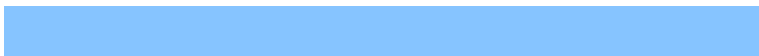
64.8882, 52.2475, 60.0909



50.7656, 52.2475, 25.6559



37.0222, 52.2475, 53.8022



48.5700, 52.2475, 106.6729

Rectangle

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



64.8882, 52.2475, 60.0909



60.0856, 52.2475, 32.9120



37.0222, 52.2475, 53.8022



40.5155, 52.2475, 90.3560

Sweetspot

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



64.8895, 52.2499, 60.0919



84.0157, 82.2989, 91.7574



61.6312, 49.6626, 100.9453



17.7143, 17.1874, 19.2141



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.



64.8895, 52.2499, 60.0919



60.8017, 46.0034, 52.7822



63.7554, 55.4233, 42.9379



18.2847, 18.0972, 20.1162



22.6580, 11.5525, 6.8497



2.2565, 1.1450, 0.9324

Inverse Universe

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



64.8895, 52.2499, 60.0919



60.8017, 46.0034, 52.7822



65.6192, 79.3217, 106.4599



18.2847, 18.0972, 20.1162



22.6580, 11.5525, 6.8497



2.2565, 1.1450, 0.9324

Previews

White Background



This preview shows how the XYZ color 64.8882, 52.2475, 60.0909 looks on a white background.

Color Contrast Check

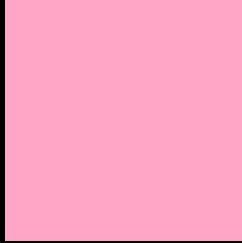
Large Text (above 18pt) WCAG AA × Fail

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 64.8882, 52.2475, 60.0909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

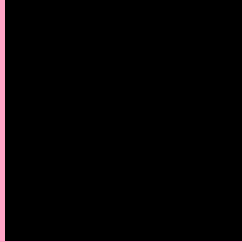
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8882, 52.2475, 60.0909

Background



This preview shows how black text looks on a background with the XYZ color 64.8882, 52.2475, 60.0909.



This preview shows how white text looks on a background with the XYZ color 64.8882, 52.2475,

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

64.8882, 52.2475, 60.0909

Protanopia

51.4100, 52.4498, 70.3650

Deuteranopia

53.5910, 52.5682, 58.3611



Tritanopia

62.8511, 52.2241, 50.4837

Trichromacy



Original Color

64.8882, 52.2475, 60.0909



Protanomaly

55.3496, 51.7479, 66.7456



Deuteranomaly

57.1348, 51.9497, 58.6457



Tritanomaly

63.6614, 52.2961, 53.7525

Monochromacy



Original Color

64.8882, 52.2475, 60.0909



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.0423, 53.4809, 60.1924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8882, 52.2475, 60.0909 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, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 198)  
}
```

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, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 64.8882, 52.2475, 60.0909 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, 165, 198) }
```


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

```
.border{ border-color:rgb(255, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8882, 52.2475, 60.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 198) }
```

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

```
.background{ background-color: rgb(255,  
165, 198) }
```

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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