

Converting Colors

XYZ(64.5706, 52.3450, 57.7266)

Have a look what the booklet for
XYZ(64.5706, 52.3450, 57.7266)
contains.

XYZ(64.6138, 52.4275, 57.7529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.6138, 52.4275,
57.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C2
RGB	255, 166, 194
RGB Percent	100%, 65%, 76%
CMY	0.0000, 0.3490, 0.2392
CMYK	0.00, 0.35, 0.24, 0.00
HSL	341°, 100%, 83%
HSV	341°, 35%, 100%
XYZ	64.6138, 52.4275, 57.7529
YIQ	195.8030, 44.0560, 27.5760

Conversions

Conversions Part 2

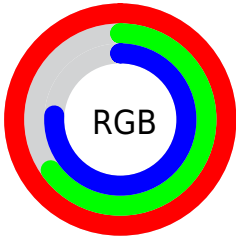
Format	Color
R _Y B	255, 166, 194
Decimal	16754370
CIE Lab	77.54, 36.47, -0.63
CIE LCh	78, 36.476, 359.015
Yxy	52.4275, 0.3697, 0.2999
Android (android.graphics.Color)	4294944450 (0xFFFFA6C2)
YUV	195.8030, -0.8889, 51.9158
Hunter-Lab	72.4068, 32.5764, 3.3941

Details

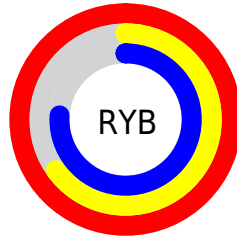
The XYZ color **64.6138, 52.4275, 57.7529** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.3532, 85.1741, 85.6728**, and the grayscale version is **52.3393, 55.0650, 59.9658**.

A 20% lighter version of the original color is **84.6166, 80.4047, 101.5024**, and **33.6647, 25.5740, 27.9729** is the 20% darker color. If you saturate the color by 10%, you get **58.5806, 43.3199, 46.6199**, and if you desaturate by 10%, it is **71.7996, 63.4702, 70.4104**.

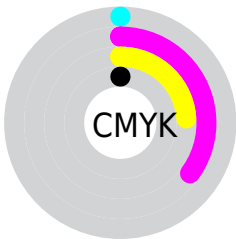
Distribution



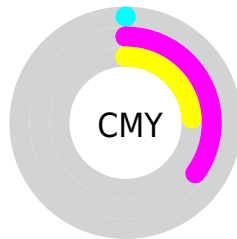
- Red (100%)
- Green (65%)
- Blue (76%)



- Red (100%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6138, 52.4275, 57.7529 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 64.6138, 52.4275, 57.7529 by changing the saturation by 10% instead.


 64.6138, 52.4275,
57.7529


 64.6138, 52.4275,
57.7529


430.9700,
396.0848, 433.8371

 47.4115, 37.3459,
41.1966


 110.5632, 93.7614,
103.0742

 33.5704, 25.4755,
28.1519


 140.0411,
120.7825, 132.6762

 22.7251, 16.4316,
18.2002


174.3416,
152.5523, 167.4640

 14.5102, 9.8301,
10.9229

213.8300,
189.4552, 207.8560

 8.5605, 5.2865,
5.9015

258.8717,
231.8754, 254.2708

 4.5104, 2.4163,
2.7174

309.8320,

 1.9947, 0.8343,

280.1975, 307.1268

0.9522

367.0763,
334.8058, 366.8428

■ 0.6310, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6138, 52.4275,
57.7529

■ 64.6138, 52.4275,
57.7529

■ 58.5806, 43.3199,
46.6199

■ 71.7996, 63.4702,
70.4104

■ 53.6333, 36.0277,
36.9482

■ 80.1915, 76.5439,
84.6460

■ 49.7046, 30.4293,
28.6742

■ 89.8448, 91.7469,
100.5141

■ 46.7174, 26.3850,
21.7282

95.0500, 100.0000,
108.9000

■ 44.5827, 23.7322,
16.0331

■ 43.1926, 22.2715,
11.5021

■ 42.6959, 21.8424,
9.5968

Harmonies

Analogous

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



62.3483, 52.4275, 79.4374



64.6138, 52.4275, 57.7529



62.6186, 52.4275, 40.2826

Triad

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



64.6138, 52.4275, 57.7529



43.5543, 52.4275, 29.4700



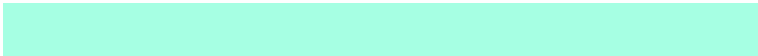
43.1873, 52.4275, 97.1469

Complementary

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



64.6138, 52.4275, 57.7529



65.3532, 85.1741, 85.6728

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.



38.9145, 52.4275, 78.0089



64.6138, 52.4275, 57.7529



39.1119, 52.4275, 39.3757

Square

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



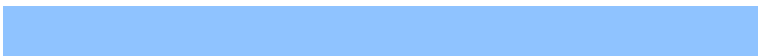
64.6138, 52.4275, 57.7529



50.0636, 52.4275, 26.4542



37.4943, 52.4275, 56.4215



49.5987, 52.4275, 105.2317

Rectangle

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



64.6138, 52.4275, 57.7529



59.2379, 52.4275, 32.5530



37.4943, 52.4275, 56.4215



41.4763, 52.4275, 91.6011

Sweetspot

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



64.6151, 52.4299, 57.7539



84.7602, 83.7207, 92.2132



63.3088, 50.7963, 101.0757



17.8550, 17.4677, 19.2641



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.



64.6151, 52.4299, 57.7539



60.2154, 45.7689, 49.6948



64.9175, 57.6014, 43.7762



18.2447, 18.0812, 19.9059



22.3687, 11.4368, 5.3259



2.2249, 1.1323, 0.7656

Inverse Universe

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



64.6151, 52.4299, 57.7539



60.2154, 45.7689, 49.6948



64.5515, 76.8761, 106.0441



18.2447, 18.0812, 19.9059



22.3687, 11.4368, 5.3259



2.2249, 1.1323, 0.7656

Previews

White Background



This preview shows how the XYZ color 64.6138, 52.4275, 57.7529 looks on a white background.

Color Contrast Check

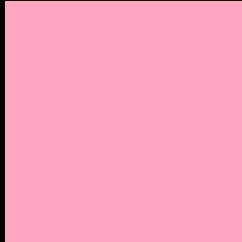
Large Text (above 18pt) WCAG AA × Fail

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 64.6138, 52.4275, 57.7529 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 64.6138, 52.4275, 57.7529

Background



This preview shows how black text looks on a background with the XYZ color 64.6138, 52.4275, 57.7529.



This preview shows how white text looks on a background with the XYZ color 64.6138, 52.4275,

57.7529.

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

64.6138, 52.4275, 57.7529

Protanopia

51.6253, 52.9414, 67.8194

Deuteranopia

53.7171, 52.6844, 56.0531



Tritanopia

63.2162, 52.4123, 50.5008

Trichromacy



Original Color

64.6138, 52.4275, 57.7529



Protanomaly

55.3586, 52.1117, 64.2676



Deuteranomaly

57.2026, 52.3327, 56.3765



Tritanomaly

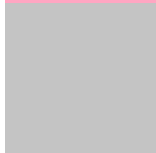
63.5547, 52.2534, 53.1906

Monochromacy



Original Color

64.6138, 52.4275, 57.7529



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.8146, 53.3898, 58.9933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6138, 52.4275, 57.7529 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 194) }
```

Border

The CSS property to change the border of an element to XYZ 64.6138, 52.4275, 57.7529 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, 194) }
```


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

```
.border{ border-color:rgb(255, 166, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6138, 52.4275, 57.7529 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
166, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor