

Converting Colors

XYZ(89.5483, 65.6389, 55.5276)

Have a look what the booklet for
XYZ(89.5483, 65.6389, 55.5276)
contains.

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Color

**XYZ(64.1358, 52.5283,
54.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7BC
RGB	255, 167, 188
RGB Percent	100%, 65%, 74%
CMY	0.0000, 0.3451, 0.2627
CMYK	0.00, 0.35, 0.26, 0.00
HSL	346°, 100%, 83%
HSV	346°, 35%, 100%
XYZ	64.1358, 52.5283, 54.3356
YIQ	195.7060, 45.7070, 25.1870

Conversions

Conversions Part 2

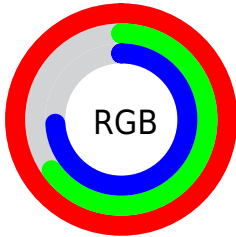
Format	Color
RYB	255, 167, 188
Decimal	16754620
CIELab	77.60, 35.13, 2.73
CIELCh	78, 35.232, 4.452
Yxy	52.5283, 0.3751, 0.3072
Android (android.graphics.Color)	4294944700 (0xFFFFA7BC)
YUV	195.7060, -3.7991, 52.0008
Hunter-Lab	72.4764, 31.1244, 6.2837

Details

The XYZ color **64.1358, 52.5283, 54.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.5498, 85.6770, 90.8758**, and the grayscale version is **52.2974, 55.0209, 59.9178**.

A 20% lighter version of the original color is **83.9568, 80.5670, 96.7139**, and **33.4164, 25.6542, 26.1122** is the 20% darker color. If you saturate the color by 10%, you get **57.9623, 43.3085, 42.6367**, and if you desaturate by 10%, it is **71.5146, 63.7076, 67.8267**.

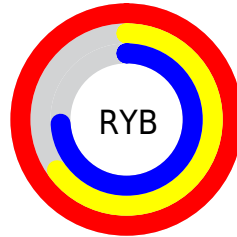
Distribution



Red (100%)

Green (65%)

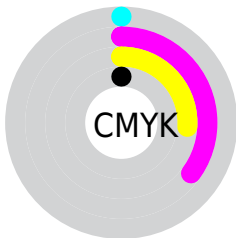
Blue (74%)



Red (100%)

Yellow (65%)

Blue (74%)

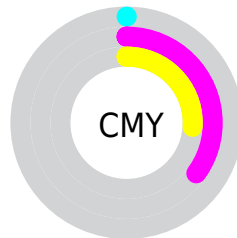


Cyan (0%)

Magenta (35%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1358, 52.5283, 54.3356 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 64.1358, 52.5283, 54.3356 by changing the saturation by 10% instead.

 64.1358, 52.5283,
54.3356


 64.1358, 52.5283,
54.3356


429.2743,
396.4728, 420.5992

 47.0228, 37.4263,
38.4750


 109.8791, 93.9099,
98.0282

 33.2617, 25.5378,
26.0469


 139.2401,
120.9583, 126.6973

 22.4872, 16.4782,
16.6326


173.4145,
152.7577, 160.4730

 14.3339, 9.8631,
9.8137

212.7676,
189.6925, 199.7738

 8.4365, 5.3083,
5.1717

257.6648,
232.1469, 245.0183

 4.4297, 2.4293,
2.2878

308.4714,

 1.9480, 0.8409,

280.5056, 296.6250

0.7244

365.5528,
335.1527, 355.0125

■ 0.6045, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1358, 52.5283,
54.3356

■ 64.1358, 52.5283,
54.3356

■ 57.9623, 43.3085,
42.6367

■ 71.5146, 63.7076,
67.8267

■ 52.9245, 35.9276,
32.6500

■ 80.1552, 76.9431,
83.1791

■ 48.9518, 30.2632,
24.2937

■ 90.1152, 92.3340,
100.4618

■ 45.9636, 26.1745,
17.4780

95.0500, 100.0000,
108.9000

■ 43.8672, 23.4985,
12.1034

■ 42.5508, 22.0357,
8.0573

■ 42.0780, 21.5952,
6.3430

Harmonies

Analogous

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



62.6822, 52.5283, 74.9191



64.1358, 52.5283, 54.3356



61.5080, 52.5283, 38.5119

Triad

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



64.1358, 52.5283, 54.3356



42.8864, 52.5283, 31.5315



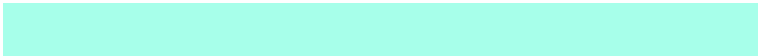
44.4952, 52.5283, 98.0873

Complementary

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



64.1358, 52.5283, 54.3356



66.5498, 85.6770, 90.8758

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.



39.8986, 52.5283, 81.1118



64.1358, 52.5283, 54.3356



39.0306, 52.5283, 42.5120

Square

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



64.1358, 52.5283, 54.3356



48.9181, 52.5283, 27.3860



37.9882, 52.5283, 60.1517



50.9488, 52.5283, 103.2617

Rectangle

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



64.1358, 52.5283, 54.3356



57.9239, 52.5283, 31.8087



37.9882, 52.5283, 60.1517



42.7014, 52.5283, 93.4085

Sweetspot

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



64.1372, 52.5307, 54.3366



84.4778, 83.6077, 90.7259



65.4747, 52.1838, 101.2293



17.7870, 17.4405, 18.9063



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.



64.1372, 52.5307, 54.3366



59.9950, 46.3273, 46.5410



66.4143, 60.4476, 44.7296



18.1870, 18.0581, 19.6018



22.0347, 11.3032, 3.5671



2.1859, 1.1167, 0.5602

Inverse Universe

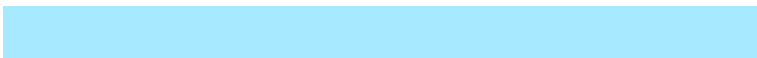
The Inverse Universe completely reimagines the original color for something new.



64.1372, 52.5307, 54.3366



59.9950, 46.3273, 46.5410



63.1271, 73.7150, 105.5090



18.1870, 18.0581, 19.6018



22.0347, 11.3032, 3.5671



2.1859, 1.1167, 0.5602

Previews

White Background



This preview shows how the XYZ color 64.1358, 52.5283, 54.3356 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 64.1358, 52.5283, 54.3356 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 64.1358, 52.5283, 54.3356

Background



This preview shows how black text looks on a background with the XYZ color 64.1358, 52.5283, 54.3356.



This preview shows how white text looks on a background with the XYZ color 64.1358, 52.5283,

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

64.1358, 52.5283, 54.3356

Protanopia

51.2838, 52.8633, 63.3778

Deuteranopia

53.7564, 52.7667, 53.2507



Tritanopia

63.2162, 52.4123, 50.5008

Trichromacy



Original Color

64.1358, 52.5283, 54.3356



Protanomaly

55.1249, 52.0860, 59.9715



Deuteranomaly

56.9779, 52.2794, 53.5422



Tritanomaly

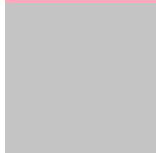
63.5274, 52.5368, 52.1398

Monochromacy



Original Color

64.1358, 52.5283, 54.3356



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.5899, 53.2999, 57.8101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1358, 52.5283, 54.3356 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, 167, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 188)  
}
```

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, 167, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 188) }
```

Border

The CSS property to change the border of an element to XYZ 64.1358, 52.5283, 54.3356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

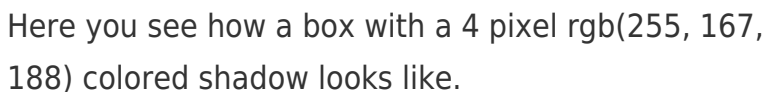
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 167, 188) }
```


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

```
.border{ border-color:rgb(255, 167, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 167, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 167, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 167, 188); box-shadow:4px 4px 4px 4px rgb(255, 167, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1358, 52.5283, 54.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 188) }
```

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

```
.background{ background-color: rgb(255,  
167, 188) }
```

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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