

Converting Colors

XYZ(128.6110, 84.1826,
61.7163)

Have a look what the booklet for
XYZ(128.6110, 84.1826, 61.7163)
contains.

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Color

**XYZ(63.9487, 50.7353,
58.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1C4
RGB	255, 161, 196
RGB Percent	100%, 63%, 77%
CMY	0.0000, 0.3686, 0.2314
CMYK	0.00, 0.37, 0.23, 0.00
HSL	338°, 100%, 82%
HSV	338°, 37%, 100%
XYZ	63.9487, 50.7353, 58.6470
YIQ	193.0960, 44.7890, 30.8130

Conversions

Conversions Part 2

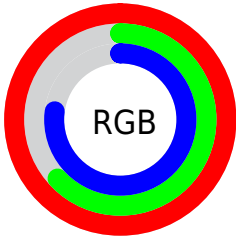
Format	Color
R_{YB}	255, 161, 196
Decimal	16753092
CIE _{Lab}	76.52, 39.34, -3.21
CIE _{LCh}	77, 39.473, 355.332
Yxy	50.7353, 0.3689, 0.2927
Android (android.graphics.Color)	4294943172 (0xFFFFA1C4)
YUV	193.0960, 1.4317, 54.2898
Hunter-Lab	71.2287, 35.6059, 1.0430

Details

The XYZ color **63.9487, 50.7353, 58.6470** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.3783, 84.2653, 80.6384**, and the grayscale version is **50.7197, 53.3610, 58.1102**.

A 20% lighter version of the original color is **83.7825, 77.9776, 103.5639**, and **33.2710, 24.5484, 28.5759** is the 20% darker color. If you saturate the color by 10%, you get **58.2125, 42.0247, 48.2208**, and if you desaturate by 10%, it is **70.7904, 61.3455, 70.4019**.

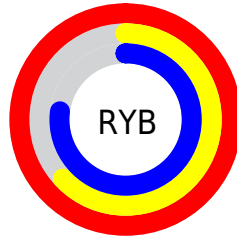
Distribution



Red (100%)

Green (63%)

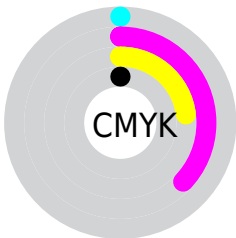
Blue (77%)



Red (100%)

Yellow (63%)

Blue (77%)

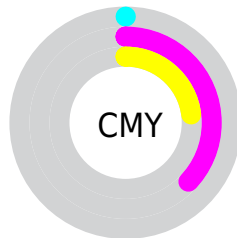


Cyan (0%)

Magenta (37%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9487, 50.7353, 58.6470 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 63.9487, 50.7353, 58.6470 by changing the saturation by 10% instead.


 63.9487, 50.7353,
58.6470


 63.9487, 50.7353,
58.6470


428.6095,
389.5345, 437.2579

 46.8707, 35.9980,
41.9109

 109.6112, 91.2634,
104.3885

 33.1409, 24.4326,
28.7065


 138.9264,
117.8229, 134.2310

 22.3942, 15.6549,
18.6152


173.0513,
149.0920, 169.2793

 14.2650, 9.2803,
11.2186

212.3513,
185.4551, 209.9521

 8.3882, 4.9244,
6.0980

257.1918,
227.2965, 256.6678

 4.3982, 2.2030,
2.8350

307.9381,

 1.9298, 0.7216,

275.0006, 309.8449

1.0110

364.9555,
328.9518, 369.9021

■ 0.5941, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9487, 50.7353,
58.6470

■ 63.9487, 50.7353,
58.6470

■ 58.2125, 42.0247,
48.2208

■ 70.7904, 61.3455,
70.4019

■ 53.5165, 35.0932,
39.0697

■ 78.7906, 73.9524,
83.5301

■ 49.7937, 29.8171,
31.1406

■ 88.0032, 88.6550,
98.0773

■ 46.9676, 26.0539,
24.3748

95.0500, 100.0000,
108.9000

■ 44.9487, 23.6363,
18.7072

■ 43.6254, 22.3532,
14.0628

■ 43.3028, 22.0851,
12.7924

Harmonies

Analogous

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



60.9845, 50.7353, 82.0068



63.9487, 50.7353, 58.6470



62.3574, 50.7353, 39.4875

Triad

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



63.9487, 50.7353, 58.6470



42.3513, 50.7353, 25.8478



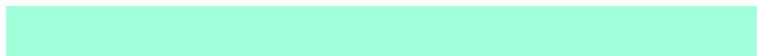
40.5272, 50.7353, 96.3019

Complementary

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



63.9487, 50.7353, 58.6470



63.3783, 84.2653, 80.6384

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.



36.4032, 50.7353, 74.7124



63.9487, 50.7353, 58.6470



37.3778, 50.7353, 35.0444

Square

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



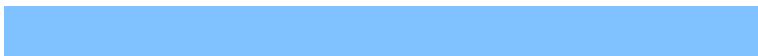
63.9487, 50.7353, 58.6470



49.3971, 50.7353, 23.6203



35.3121, 50.7353, 51.9716



47.0665, 50.7353, 107.0259

Rectangle

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



63.9487, 50.7353, 58.6470



59.0056, 50.7353, 30.9078



35.3121, 50.7353, 51.9716



38.8401, 50.7353, 89.8424

Sweetspot

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



63.9499, 50.7376, 58.6480



84.0390, 82.3083, 91.8801



60.0002, 47.7673, 100.6654



17.7199, 17.1896, 19.2432



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.



63.9499, 50.7376, 58.6480



59.7444, 44.3297, 51.0705



62.4209, 53.3280, 40.7247



18.2890, 18.0989, 20.1391



22.6927, 11.5664, 7.0321



2.2603, 1.1465, 0.9519

Inverse Universe

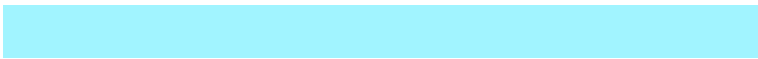
The Inverse Universe completely reimagines the original color for something new.



63.9499, 50.7376, 58.6480



59.7444, 44.3297, 51.0705



65.1102, 79.5196, 106.5249



18.2890, 18.0989, 20.1391



22.6927, 11.5664, 7.0321



2.2603, 1.1465, 0.9519

Previews

White Background



This preview shows how the XYZ color 63.9487, 50.7353, 58.6470 looks on a white background.

Color Contrast Check

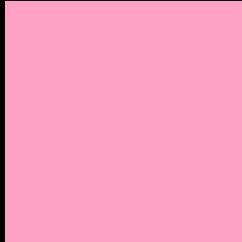
Large Text (above 18pt) WCAG AA × Fail

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 63.9487, 50.7353, 58.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

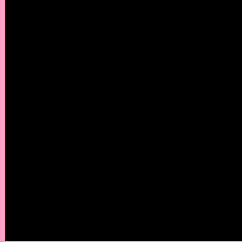
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9487, 50.7353, 58.6470

Background



This preview shows how black text looks on a background with the XYZ color 63.9487, 50.7353, 58.6470.



This preview shows how white text looks on a background with the XYZ color 63.9487, 50.7353,

58.6470.

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

63.9487, 50.7353, 58.6470

Protanopia

50.1166, 51.1590, 69.5206

Deuteranopia

51.9015, 50.7946, 56.9380



Tritanopia

61.7193, 50.6079, 48.1103

Trichromacy



Original Color

63.9487, 50.7353, 58.6470



Protanomaly

53.9249, 50.1459, 65.2295



Deuteranomaly

55.6961, 50.3575, 57.2365



Tritanomaly

62.6220, 50.7259, 51.8379

Monochromacy



Original Color

63.9487, 50.7353, 58.6470



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.5804, 51.5417, 58.1108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9487, 50.7353, 58.6470 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, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 196) }
```

Border

The CSS property to change the border of an element to XYZ 63.9487, 50.7353, 58.6470 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, 161, 196) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9487, 50.7353, 58.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 196) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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