

Converting Colors

XYZ(71.7465, 56.3706, 50.5125)

Have a look what the booklet for
XYZ(71.7465, 56.3706, 50.5125)
contains.

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Color

**XYZ(63.1144, 51.8277,
49.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B4
RGB	255, 166, 180
RGB Percent	100%, 65%, 71%
CMY	0.0000, 0.3490, 0.2941
CMYK	0.00, 0.35, 0.29, 0.00
HSL	351°, 100%, 83%
HSV	351°, 35%, 100%
XYZ	63.1144, 51.8277, 49.8573
YIQ	194.2070, 48.5500, 23.2220

Conversions

Conversions Part 2

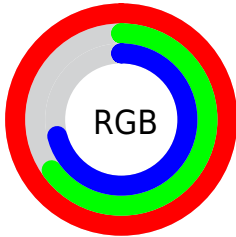
Format	Color
R _Y B	255, 166, 180
Decimal	16754356
CIE Lab	77.18, 34.59, 6.50
CIE LCh	77, 35.192, 10.640
Yxy	51.8277, 0.3830, 0.3145
Android (android.graphics.Color)	4294944436 (0xFFFFA6B4)
YUV	194.2070, -7.0041, 53.3155
Hunter-Lab	71.9915, 30.5046, 9.3330

Details

The XYZ color **63.1144, 51.8277, 49.8573** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3652, 85.9789, 96.2683**, and the grayscale version is **51.4220, 54.0999, 58.9148**.

A 20% lighter version of the original color is **82.5016, 79.5587, 90.3649**, and **32.5008, 25.0783, 23.2063** is the 20% darker color. If you saturate the color by 10%, you get **56.9079, 42.6508, 37.8120**, and if you desaturate by 10%, it is **70.5820, 62.9831, 63.9987**.

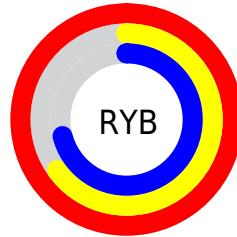
Distribution



Red (100%)

Green (65%)

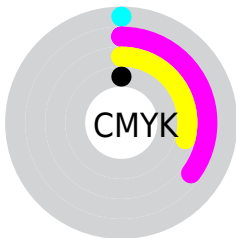
Blue (71%)



Red (100%)

Yellow (65%)

Blue (71%)

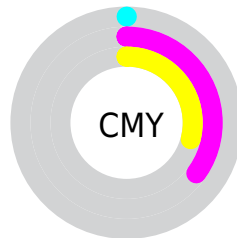


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1144, 51.8277, 49.8573 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 63.1144, 51.8277, 49.8573 by changing the saturation by 10% instead.


 63.1144, 51.8277,
49.8573


 63.1144, 51.8277,
49.8573


425.6376,
393.7711, 402.8267

 46.1928, 36.8678,
34.9296


 108.4154, 92.8771,
91.3575

 32.6032, 25.1051,
23.3256


 137.5255,
119.7353, 118.7672

 21.9804, 16.1554,
14.6265

171.4291,
151.3284, 151.1746

 13.9591, 9.6342,
8.4140

210.4916,
188.0408, 188.9983

 8.1737, 5.1571,
4.2694

255.0784,
230.2569, 232.6568

 4.2590, 2.3397,
1.7743

305.5547,

 1.8497, 0.7946,

278.3610, 282.5687

0.4109

362.2860,
332.7376, 339.1525

■ 0.5473, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1144, 51.8277,
49.8573

■ 63.1144, 51.8277,
49.8573

■ 56.9079, 42.6508,
37.8120

■ 70.5820, 62.9831,
63.9987

■ 51.8884, 35.3297,
27.7594

■ 79.3713, 76.2158,
80.3266

■ 47.9799, 29.7394,
19.5919

■ 89.5439, 91.6265,
98.9298

■ 45.0960, 25.7364,
13.1902

■ 95.0500, 100.0000,
108.9000

■ 43.1372, 23.1539,
8.4212

■ 41.9829, 21.7876,
5.1317

■ 41.6247, 21.4139,
3.9558

Harmonies

Analogous

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



62.5152, 51.8277, 69.6394



63.1144, 51.8277, 49.8573



59.7543, 51.8277, 35.5600

Triad

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



63.1144, 51.8277, 49.8573



41.2990, 51.8277, 32.7094



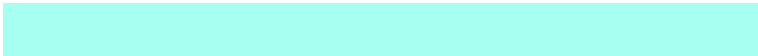
45.0916, 51.8277, 99.1486

Complementary

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



63.1144, 51.8277, 49.8573



67.3652, 85.9789, 96.2683

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.



40.0736, 51.8277, 84.1952



63.1144, 51.8277, 49.8573



38.0260, 51.8277, 45.0091

Square

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



63.1144, 51.8277, 49.8573



46.9082, 51.8277, 27.2679



37.5988, 51.8277, 63.5597



51.6905, 51.8277, 101.2886

Rectangle

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



63.1144, 51.8277, 49.8573



55.8861, 51.8277, 29.8880



37.5988, 51.8277, 63.5597



43.1808, 51.8277, 95.3168

Sweetspot

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



63.1158, 51.8302, 49.8583



84.1788, 83.4881, 89.1514



67.6796, 53.0495, 101.2802



17.7152, 17.4118, 18.5282



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.



63.1158, 51.8302, 49.8583



58.5823, 45.1157, 41.0949



67.7893, 63.3450, 44.7335



18.1258, 18.0336, 19.2797



21.7841, 11.2029, 2.2476



2.1531, 1.1036, 0.3874

Inverse Universe

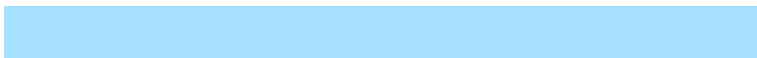
The Inverse Universe completely reimagines the original color for something new.



63.1158, 51.8302, 49.8583



58.5823, 45.1157, 41.0949



60.7933, 69.3597, 104.7914



18.1258, 18.0336, 19.2797



21.7841, 11.2029, 2.2476



2.1531, 1.1036, 0.3874

Previews

White Background



This preview shows how the XYZ color 63.1144, 51.8277, 49.8573 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 63.1144, 51.8277, 49.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

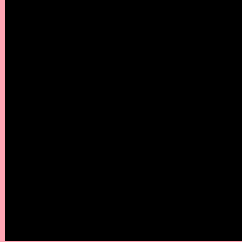
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1144, 51.8277, 49.8573

Background



This preview shows how black text looks on a background with the XYZ color 63.1144, 51.8277, 49.8573.



This preview shows how white text looks on a background with the XYZ color 63.1144, 51.8277,

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

63.1144, 51.8277, 49.8573

Protanopia

50.2872, 52.1465, 57.8669

Deuteranopia

53.1006, 51.9024, 48.8144



Tritanopia

63.0129, 51.7871, 49.3226

Trichromacy



Original Color

63.1144, 51.8277, 49.8573



Protanomaly

53.9199, 51.2775, 54.6326



Deuteranomaly

56.3911, 51.4816, 49.0843



Tritanomaly

63.0129, 51.7871, 49.3226

Monochromacy



Original Color

63.1144, 51.8277, 49.8573



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.6447, 52.5540, 55.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1144, 51.8277, 49.8573 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 180) }
```

Border

The CSS property to change the border of an element to XYZ 63.1144, 51.8277, 49.8573 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, 180) }
```


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

```
.border{ border-color:rgb(255, 166, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1144, 51.8277, 49.8573 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
166, 180) }
```

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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