

Converting Colors

XYZ(65.4915, 52.5709, 51.9765)

Have a look what the booklet for
XYZ(65.4915, 52.5709, 51.9765)
contains.

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Color

**XYZ(63.1672, 51.2716,
51.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4B8
RGB	255, 164, 184
RGB Percent	100%, 64%, 72%
CMY	0.0000, 0.3568, 0.2784
CMYK	0.00, 0.36, 0.28, 0.00
HSL	347°, 100%, 82%
HSV	347°, 36%, 100%
XYZ	63.1672, 51.2716, 51.9145
YIQ	193.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

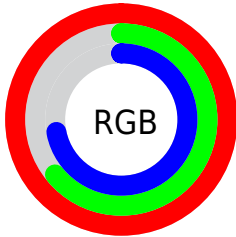
Format	Color
R _Y B	255, 164, 184
Decimal	16753848
CIE Lab	76.84, 36.15, 3.83
CIE LCh	77, 36.352, 6.047
Yxy	51.2716, 0.3797, 0.3082
Android (android.graphics.Color)	4294943928 (0xFFFFA4B8)
YUV	193.4890, -4.6781, 53.9451
Hunter-Lab	71.6042, 32.1603, 7.1365

Details

The XYZ color **63.1672, 51.2716, 51.9145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.0674, 85.4117, 91.6054**, and the grayscale version is **50.9846, 53.6397, 58.4137**.

A 20% lighter version of the original color is **82.5614, 78.7377, 93.2845**, and **32.5461, 24.7433, 24.5333** is the 20% darker color. If you saturate the color by 10%, you get **57.1116, 42.2667, 40.3196**, and if you desaturate by 10%, it is **70.4336, 62.2282, 65.3615**.

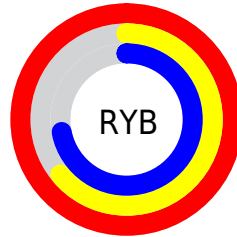
Distribution



Red (100%)

Green (64%)

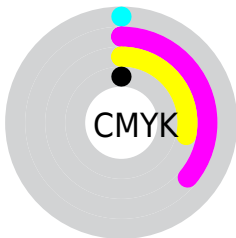
Blue (72%)



Red (100%)

Yellow (64%)

Blue (72%)

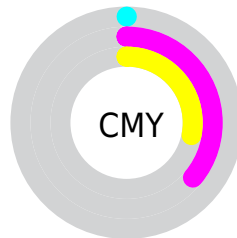


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1672, 51.2716, 51.9145 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 63.1672, 51.2716, 51.9145 by changing the saturation by 10% instead.

 63.1672, 51.2716,
51.9145


 63.1672, 51.2716,
51.9145


425.8261,
391.6181, 411.0540

 46.2356, 36.4248,
36.5552

 108.4912, 92.0561,
94.4304

 32.6372, 24.7625,
24.5702


 137.6143,
118.7626, 122.4241

 22.0066, 15.9002,
15.5410


171.5319,
150.1912, 155.4663

 13.9784, 9.4535,
9.0491

210.6095,
186.7261, 193.9755

 8.1872, 5.0382,
4.6760

255.2123,
228.7519, 238.3704

 4.2678, 2.2697,
2.0030

305.7058,

 1.8547, 0.7576,

276.6529, 289.0694

0.5572

362.4553,
330.8135, 346.4911

■ 0.5503, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1672, 51.2716,
51.9145

■ 63.1672, 51.2716,
51.9145

■ 57.1116, 42.2667,
40.3196

■ 70.4336, 62.2282,
65.3615

■ 52.1958, 35.0917,
30.4912

■ 78.9688, 75.2349,
80.7347

■ 48.3471, 29.6218,
22.3414

■ 88.8317, 90.3917,
98.1078

■ 45.4828, 25.7139,
15.7733

95.0500, 100.0000,
108.9000

■ 43.5069, 23.2009,
10.6793

■ 42.3029, 21.8768,
6.9366

■ 41.9546, 21.5458,
5.6931

Harmonies

Analogous

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



61.9039, 51.2716, 72.7344



63.1672, 51.2716, 51.9145



60.2775, 51.2716, 36.3030

Triad

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



63.1672, 51.2716, 51.9145



41.3277, 51.2716, 30.3756



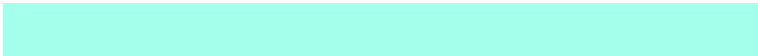
43.5370, 51.2716, 98.2964

Complementary

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



63.1672, 51.2716, 51.9145



66.0674, 85.4117, 91.6054

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.



38.7640, 51.2716, 81.3307



63.1672, 51.2716, 51.9145



37.5753, 51.2716, 41.7650

Square

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



63.1672, 51.2716, 51.9145



47.3465, 51.2716, 25.9027



36.6829, 51.2716, 59.9293



50.1446, 51.2716, 102.8319

Rectangle

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



63.1672, 51.2716, 51.9145



56.5319, 51.2716, 29.8473



36.6829, 51.2716, 59.9293



41.6850, 51.2716, 93.6906

Sweetspot

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



63.1685, 51.2740, 51.9155



83.4196, 82.0605, 88.6185



65.1822, 51.2265, 101.0600



17.5730, 17.1309, 18.4698



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.



63.1685, 51.2740, 51.9155



58.6222, 44.4992, 43.2545



65.9827, 60.0231, 43.2330



18.1727, 18.0524, 19.5268



21.9671, 11.2762, 3.2115



2.1775, 1.1134, 0.5159

Inverse Universe

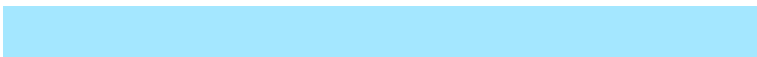
The Inverse Universe completely reimagines the original color for something new.



63.1685, 51.2740, 51.9155



58.6222, 44.4992, 43.2545



61.8630, 72.1168, 105.2672



18.1727, 18.0524, 19.5268



21.9671, 11.2762, 3.2115



2.1775, 1.1134, 0.5159

Previews

White Background



This preview shows how the XYZ color 63.1672, 51.2716, 51.9145 looks on a white background.

Color Contrast Check

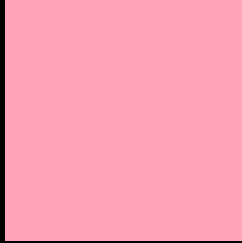
Large Text (above 18pt) WCAG AA × Fail

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 63.1672, 51.2716, 51.9145 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 63.1672, 51.2716, 51.9145

Background



This preview shows how black text looks on a background with the XYZ color 63.1672, 51.2716, 51.9145.



This preview shows how white text looks on a background with the XYZ color 63.1672, 51.2716,

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

63.1672, 51.2716, 51.9145

Protanopia

49.8765, 51.5488, 60.7472

Deuteranopia

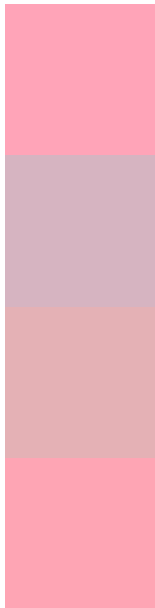
52.5301, 51.5733, 50.3660



Tritanopia

62.3641, 51.1955, 48.7142

Trichromacy



Original Color

63.1672, 51.2716, 51.9145

Protanomaly

53.6785, 50.7889, 57.4262

Deuteranomaly

56.0575, 51.2745, 50.6585

Tritanomaly

62.5664, 51.2764, 49.7797

Monochromacy



Original Color

63.1672, 51.2716, 51.9145

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

54.3411, 51.7725, 55.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1672, 51.2716, 51.9145 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, 164, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 184)  
}
```

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, 164, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.1672, 51.2716, 51.9145 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, 164, 184) }
```


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

```
.border{ border-color:rgb(255, 164, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1672, 51.2716, 51.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 184) }
```

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

```
.background{ background-color: rgb(255,  
164, 184) }
```

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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