

Converting Colors

XYZ(63.5047, 51.9112, 52.1361)

Have a look what the booklet for
XYZ(63.5047, 51.9112, 52.1361)
contains.

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Color

**XYZ(63.5279, 51.9931,
52.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B8
RGB	255, 166, 184
RGB Percent	100%, 65%, 72%
CMY	0.0000, 0.3490, 0.2784
CMYK	0.00, 0.35, 0.28, 0.00
HSL	348°, 100%, 83%
HSV	348°, 35%, 100%
XYZ	63.5279, 51.9931, 52.0348
YIQ	194.6630, 47.2660, 24.4660

Conversions

Conversions Part 2

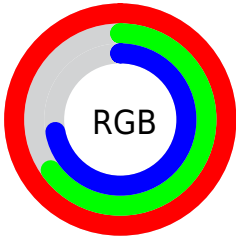
Format	Color
RYB	255, 166, 184
Decimal	16754360
CIELab	77.28, 35.11, 4.46
CIElCh	77, 35.392, 7.233
Yxy	51.9931, 0.3791, 0.3103
Android (android.graphics.Color)	4294944440 (0xFFFFA6B8)
YUV	194.6630, -5.2569, 52.9155
Hunter-Lab	72.1062, 31.0783, 7.6883

Details

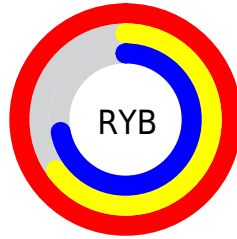
The XYZ color **63.5279, 51.9931, 52.0348** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.7741, 85.7424, 93.1554**, and the grayscale version is **51.6831, 54.3746, 59.2140**.

A 20% lighter version of the original color is **83.0895, 79.7938, 93.4605**, and **32.7668, 25.1847, 24.6069** is the 20% darker color. If you saturate the color by 10%, you get **57.3622, 42.8325, 40.2041**, and if you desaturate by 10%, it is **70.9220, 63.1191, 65.7892**.

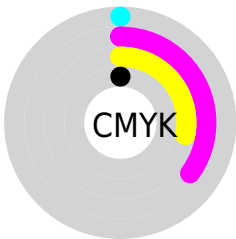
Distribution



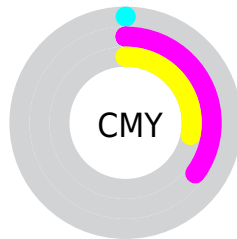
- Red (100%)
- Green (65%)
- Blue (72%)



- Red (100%)
- Yellow (65%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5279, 51.9931, 52.0348 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 63.5279, 51.9931, 52.0348 by changing the saturation by 10% instead.


 63.5279, 51.9931,
52.0348


 63.5279, 51.9931,
52.0348


427.1121,
394.4100, 411.5317

 46.5287, 36.9996,
36.6504


 109.0083, 93.1211,
94.6097

 32.8696, 25.2072,
24.6433


 138.2202,
120.0243, 122.6372

 22.1853, 16.2315,
15.5949


172.2336,
151.6662, 155.7162

 14.1105, 9.6881,
9.0867

211.4140,
188.4312, 194.2651

 8.2798, 5.1926,
4.7002

256.1267,
230.7037, 238.7026

 4.3278, 2.3607,
2.0168

306.7370,

 1.8892, 0.8056,

278.8681, 289.4472

0.5656

363.6104,
333.3087, 346.9174

■ 0.5705, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5279, 51.9931,
52.0348

■ 63.5279, 51.9931,
52.0348

■ 57.3622, 42.8325,
40.2041

■ 70.9220, 63.1191,
65.7892

■ 52.3532, 35.5156,
30.2072

■ 79.6027, 76.3083,
81.5453

■ 48.4279, 29.9187,
21.9514

■ 89.6295, 91.6608,
99.3807

■ 45.5032, 25.8993,
15.3345

95.0500, 100.0000,
108.9000

■ 43.4832, 23.2923,
10.2431

■ 42.2518, 21.8951,
6.5478

■ 41.8500, 21.5040,
5.1422

Harmonies

Analogous

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



62.4547, 51.9931, 72.3417



63.5279, 51.9931, 52.0348



60.5535, 51.9931, 36.8747

Triad

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



63.5279, 51.9931, 52.0348



41.9347, 51.9931, 31.7637



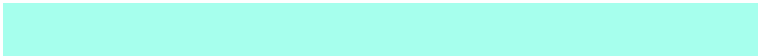
44.5378, 51.9931, 98.5415

Complementary

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



63.5279, 51.9931, 52.0348



66.7741, 85.7424, 93.1554

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.



39.7387, 51.9931, 82.3711



63.5279, 51.9931, 52.0348



38.3346, 51.9931, 43.3450

Square

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



63.5279, 51.9931, 52.0348



47.7928, 51.9931, 27.0394



37.5690, 51.9931, 61.4493



51.0794, 51.9931, 102.3734

Rectangle

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



63.5279, 51.9931, 52.0348



56.8228, 51.9931, 30.6405



37.5690, 51.9931, 61.4493



42.6859, 51.9931, 94.2146

Sweetspot

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



63.5293, 51.9955, 52.0358



84.3436, 83.5540, 90.0192



66.1859, 52.2795, 101.2103



17.7548, 17.4276, 18.7365



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.



63.5293, 51.9955, 52.0358



59.0280, 45.2939, 43.4418



66.8026, 61.3716, 44.4046



18.1595, 18.0471, 19.4573



21.9096, 11.2531, 2.9083



2.1701, 1.1104, 0.4770

Inverse Universe

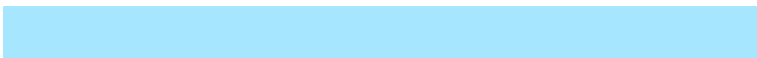
The Inverse Universe completely reimagines the original color for something new.



63.5293, 51.9955, 52.0358



59.0280, 45.2939, 43.4418



62.0143, 71.8018, 105.1984



18.1595, 18.0471, 19.4573



21.9096, 11.2531, 2.9083



2.1701, 1.1104, 0.4770

Previews

White Background



This preview shows how the XYZ color 63.5279, 51.9931, 52.0348 looks on a white background.

Color Contrast Check

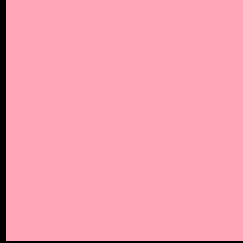
Large Text (above 18pt) WCAG AA × Fail

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 63.5279, 51.9931, 52.0348 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 63.5279, 51.9931, 52.0348

Background



This preview shows how black text looks on a background with the XYZ color 63.5279, 51.9931, 52.0348.



This preview shows how white text looks on a background with the XYZ color 63.5279, 51.9931,

52.0348.

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

63.5279, 51.9931, 52.0348

Protanopia

50.5988, 52.2416, 60.8429

Deuteranopia

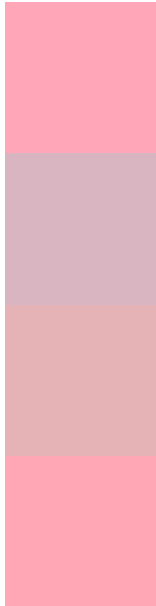
53.4210, 52.3303, 51.0012



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

63.5279, 51.9931, 52.0348

Protanomaly

54.4684, 51.4969, 57.5212

Deuteranomaly

56.6770, 51.8762, 51.2819

Tritanomaly

63.3992, 52.2336, 50.4567

Monochromacy



Original Color

63.5279, 51.9931, 52.0348

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

55.1597, 52.7943, 56.5733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5279, 51.9931, 52.0348 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.5279, 51.9931, 52.0348 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, 184) }
```


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

```
.border{ border-color:rgb(255, 166, 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, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5279, 51.9931, 52.0348 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, 184) }
```

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

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