

Converting Colors

XYZ(63.9781, 53.9434, 48.9478)

Have a look what the booklet for
XYZ(63.9781, 53.9434, 48.9478)
contains.

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Color

**XYZ(64.0284, 53.9794,
49.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACB2
RGB	255, 172, 178
RGB Percent	100%, 67%, 70%
CMY	0.0000, 0.3255, 0.3020
CMYK	0.00, 0.33, 0.30, 0.00
HSL	356°, 100%, 84%
HSV	356°, 33%, 100%
XYZ	64.0284, 53.9794, 49.1639
YIQ	197.5010, 47.5420, 19.4620

Conversions

Conversions Part 2

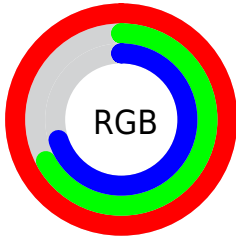
Format	Color
R _Y B	255, 172, 178
Decimal	16755890
CIE Lab	78.45, 31.20, 9.41
CIE LCh	78, 32.587, 16.782
Yxy	53.9794, 0.3830, 0.3229
Android (android.graphics.Color)	4294945970 (0xFFFFACB2)
YUV	197.5010, -9.6140, 50.4266
Hunter-Lab	73.4707, 26.9859, 11.7548

Details

The XYZ color **64.0284, 53.9794, 49.1639** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.8744, 87.1313, 102.7621**, and the grayscale version is **53.4113, 56.1929, 61.1940**.

A 20% lighter version of the original color is **83.8347, 82.6873, 89.3836**, and **33.0634, 26.4101, 22.7571** is the 20% darker color. If you saturate the color by 10%, you get **57.4585, 44.3188, 36.2479**, and if you desaturate by 10%, it is **71.9418, 65.6711, 64.5499**.

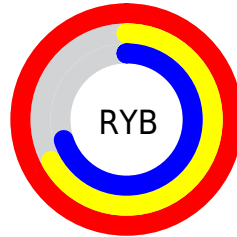
Distribution



Red (100%)

Green (67%)

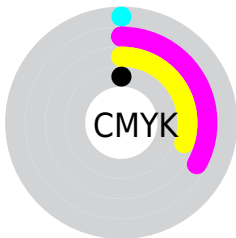
Blue (70%)



Red (100%)

Yellow (67%)

Blue (70%)

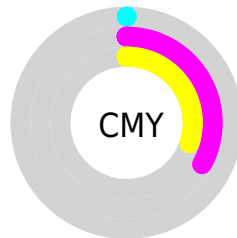


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0284, 53.9794, 49.1639 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 64.0284, 53.9794, 49.1639 by changing the saturation by 10% instead.

64.0284, 53.9794,
49.1639

64.0284, 53.9794,
49.1639

428.8928,
402.0315, 400.0282

46.9354, 38.5852,
34.3830

109.7253, 96.0440,
90.3183

33.1924, 26.4372,
22.9082

139.0600,
123.4832, 117.5290

22.4338, 17.1510,
14.3211

173.2060,
155.7061, 149.7199

14.2944, 10.3422,
8.2030

212.5287,
193.0973, 187.3097

8.4088, 5.6264,
4.1355

257.3933,
236.0410, 230.7169

4.4116, 2.6193,
1.7000

308.1653,

1.9375, 0.9364,

284.9216, 280.3600

0.3607

365.2100,
340.1237, 336.6576

■ 0.5985, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.0284, 53.9794,
49.1639

■ 64.0284, 53.9794,
49.1639

■ 57.4585, 44.3188,
36.2479

■ 71.9418, 65.6711,
64.5499

■ 52.1536, 36.5665,
25.6702

■ 81.2634, 79.4924,
82.5220

■ 48.0332, 30.5981,
17.2917

■ 92.0584, 95.5447,
103.1925

■ 45.0062, 26.2714,
10.9573

95.0500, 100.0000,
108.9000

■ 42.9677, 23.4225,
6.4913

■ 41.7922, 21.8537,
3.6888

■ 41.3526, 21.3051,
2.5232

Harmonies

Analogous

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



64.2586, 53.9794, 67.2171



64.0284, 53.9794, 49.1639



60.2133, 53.9794, 36.6283

Triad

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



64.0284, 53.9794, 49.1639



42.8409, 53.9794, 37.7723



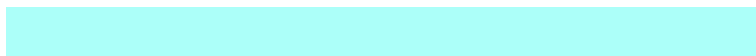
48.5400, 53.9794, 100.2502

Complementary

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



64.0284, 53.9794, 49.1639



69.8744, 87.1313, 102.7621

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.



43.3232, 53.9794, 88.4202



64.0284, 53.9794, 49.1639



40.2223, 53.9794, 51.0700

Square

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



64.0284, 53.9794, 49.1639



47.8301, 53.9794, 31.0517



40.3911, 53.9794, 69.5622



54.9459, 53.9794, 99.4415

Rectangle

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



64.0284, 53.9794, 49.1639



56.3177, 53.9794, 31.9455



40.3911, 53.9794, 69.5622



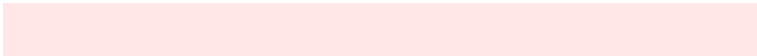
46.6005, 53.9794, 97.5302

Sweetspot

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



64.0298, 53.9819, 49.1650



83.8700, 83.3646, 87.5253



71.5449, 56.6993, 101.7810



17.6412, 17.3822, 18.1383



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.



64.0298, 53.9819, 49.1650



59.6401, 47.5210, 40.5543



70.9000, 68.6647, 48.5498



18.0626, 18.0083, 18.9468



21.6268, 11.1400, 1.4193



2.1234, 1.0917, 0.2310

Inverse Universe

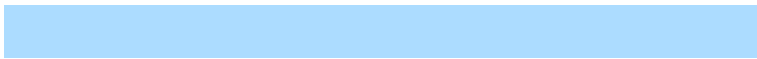
The Inverse Universe completely reimagines the original color for something new.



64.0298, 53.9819, 49.1650



59.6401, 47.5210, 40.5543



60.7681, 67.3982, 104.4141



18.0626, 18.0083, 18.9468



21.6268, 11.1400, 1.4193



2.1234, 1.0917, 0.2310

Previews

White Background



This preview shows how the XYZ color 64.0284, 53.9794, 49.1639 looks on a white background.

Color Contrast Check

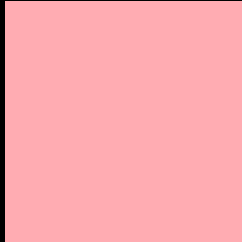
Large Text (above 18pt) WCAG AA × Fail

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 64.0284, 53.9794, 49.1639 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 64.0284, 53.9794, 49.1639

Background



This preview shows how black text looks on a background with the XYZ color 64.0284, 53.9794, 49.1639.



This preview shows how white text looks on a background with the XYZ color 64.0284, 53.9794,

49.1639.

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

64.0284, 53.9794, 49.1639

Protanopia

52.1392, 54.4434, 56.4758

Deuteranopia

55.2363, 54.2772, 48.1227



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



Original Color

64.0284, 53.9794, 49.1639

Protanomaly

55.6352, 53.7231, 53.8917

Deuteranomaly

58.1687, 53.9141, 48.4149

Tritanomaly

64.2464, 53.7632, 51.2472

Monochromacy



Original Color

64.0284, 53.9794, 49.1639

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.8150, 55.2168, 56.9537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0284, 53.9794, 49.1639 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, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 178)  
}
```

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, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 64.0284, 53.9794, 49.1639 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, 172, 178) }
```


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

```
.border{ border-color:rgb(255, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0284, 53.9794, 49.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 178) }
```

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

```
.background{ background-color: rgb(255,  
172, 178) }
```

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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