

Converting Colors

XYZ(96.0801, 72.4038, 47.7772)

Have a look what the booklet for
XYZ(96.0801, 72.4038, 47.7772)
contains.

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Color

**XYZ(64.6068, 56.0793,
46.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2AC
RGB	255, 178, 172
RGB Percent	100%, 70%, 67%
CMY	0.0000, 0.3019, 0.3255
CMYK	0.00, 0.30, 0.33, 0.00
HSL	4°, 100%, 84%
HSV	4°, 33%, 100%
XYZ	64.6068, 56.0793, 46.4490
YIQ	200.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

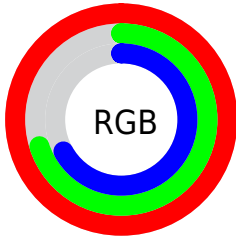
Format	Color
R _Y B	255, 178, 172
Decimal	16757420
CIE Lab	79.66, 27.30, 14.37
CIE LCh	80, 30.854, 27.762
Yxy	56.0793, 0.3866, 0.3355
Android (android.graphics.Color)	4294947500 (0xFFFFB2AC)
YUV	200.3390, -13.9711, 47.9377
Hunter-Lab	74.8861, 22.9473, 15.6450

Details

The XYZ color **64.6068, 56.0793, 46.4490** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9377, 83.7391, 107.1376**, and the grayscale version is **55.1727, 58.0460, 63.2121**.

A 20% lighter version of the original color is **84.5279, 85.6517, 84.7504**, and **33.4887, 27.7591, 21.3623** is the 20% darker color. If you saturate the color by 10%, you get **58.0811, 46.5783, 33.3284**, and if you desaturate by 10%, it is **72.4168, 67.3966, 62.3171**.

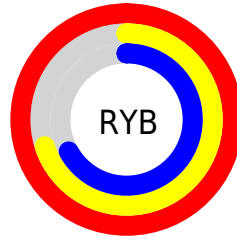
Distribution



Red (100%)

Green (70%)

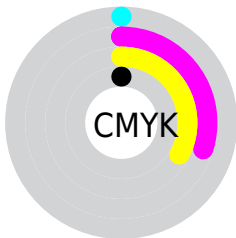
Blue (67%)



Red (100%)

Yellow (70%)

Blue (67%)

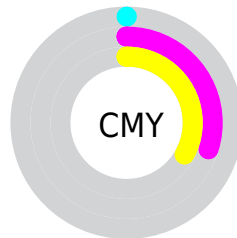


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6068, 56.0793, 46.4490 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 64.6068, 56.0793, 46.4490 by changing the saturation by 10% instead.

 64.6068, 56.0793,
46.4490

 64.6068, 56.0793,
46.4490


430.9452,
409.9903, 388.9407

 47.4058, 40.2665,
32.2491


 110.5532, 99.1205,
86.2319

 33.5659, 27.7464,
21.2854


140.0294,
127.1177, 112.6520

 22.7216, 18.1346,
13.1395


174.3280,
159.9452, 143.9825

 14.5076, 11.0466,
7.3928

213.8144,
197.9873, 180.6420

 8.5586, 6.0982,
3.6268

258.8540,
241.6285, 223.0490

 4.5092, 2.9049,
1.4229

309.8121,

 1.9941, 1.0823,

291.2531, 271.6221

0.1595

367.0540,
347.2456, 326.7799

■ 0.6306, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6068, 56.0793,
46.4490

■ 64.6068, 56.0793,
46.4490

■ 58.0811, 46.5783,
33.3284

■ 72.4168, 67.3966,
62.3171

■ 52.7668, 38.7916,
22.7960

■ 81.5703, 80.6095,
81.0730

■ 48.5904, 32.6193,
14.6815

■ 92.1281, 95.8023,
102.8514

■ 45.4684, 27.9480,
8.7926

95.0500, 100.0000,
108.9000

■ 43.3059, 24.6492,
4.9079

■ 41.9907, 22.5734,
2.7601

■ 41.4637, 21.7073,
2.0046

Harmonies

Analogous

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



66.1747, 56.0793, 62.4091



64.6068, 56.0793, 46.4490



59.9430, 56.0793, 36.4194

Triad

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



64.6068, 56.0793, 46.4490



43.8077, 56.0793, 44.5437



52.8357, 56.0793, 102.1040

Complementary

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



64.6068, 56.0793, 46.4490



68.9377, 83.7391, 107.1376

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.



47.1700, 56.0793, 94.8756



64.6068, 56.0793, 46.4490



42.2168, 56.0793, 59.7321

Square

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



64.6068, 56.0793, 46.4490



47.9201, 56.0793, 35.4792



43.3989, 56.0793, 78.4545



59.0718, 56.0793, 96.6825

Rectangle

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



64.6068, 56.0793, 46.4490



55.8787, 56.0793, 33.3202



43.3989, 56.0793, 78.4545



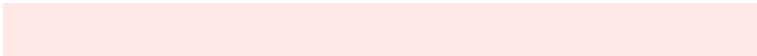
50.8052, 56.0793, 101.0473

Sweetspot

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



64.6082, 56.0819, 46.4501



84.1253, 84.2902, 86.3311



73.1646, 57.6343, 97.2730



17.7023, 17.6037, 17.8525



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.



64.6082, 56.0819, 46.4501



60.2547, 49.7491, 37.6798



74.0269, 74.9194, 49.5897



18.1149, 18.1980, 18.7021



21.7036, 11.4185, 1.0601



2.1482, 1.1818, 0.1149

Inverse Universe

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



68.9377, 83.7391, 107.1376



65.1808, 81.2579, 106.8567



57.6115, 61.0867, 103.3622



18.4358, 20.2431, 23.1856



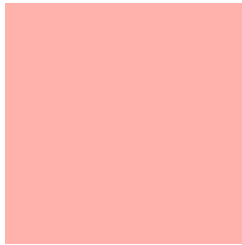
25.2354, 35.3803, 54.9336



2.4894, 3.5094, 5.3595

Previews

White Background



This preview shows how the XYZ color 64.6068, 56.0793, 46.4490 looks on a white background.

Color Contrast Check

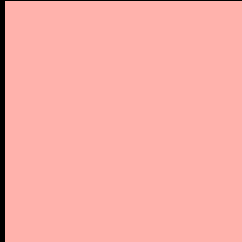
Large Text (above 18pt) WCAG AA × Fail

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 64.6068, 56.0793, 46.4490 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 64.6068, 56.0793, 46.4490

Background



This preview shows how black text looks on a background with the XYZ color 64.6068, 56.0793, 46.4490.



This preview shows how white text looks on a background with the XYZ color 64.6068, 56.0793,

46.4490.

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

64.6068, 56.0793, 46.4490

Protanopia

53.5866, 56.2890, 52.2965

Deuteranopia

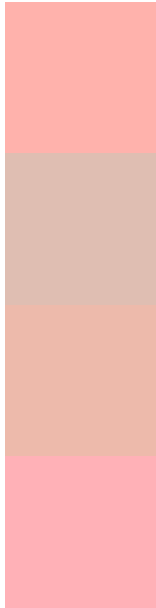
57.3477, 56.0601, 45.8283



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

64.6068, 56.0793, 46.4490

Protanomaly

56.8808, 55.7292, 49.8784

Deuteranomaly

59.8346, 56.0626, 46.1956

Tritanomaly

65.5094, 56.1232, 52.1799

Monochromacy



Original Color

64.6068, 56.0793, 46.4490

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.6591, 56.6326, 56.6074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6068, 56.0793, 46.4490 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, 178, 172)` looks like.

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

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, 178, 172) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 64.6068, 56.0793, 46.4490 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, 178, 172) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 64.6068, 56.0793, 46.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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