

Converting Colors

XYZ(65.0610, 56.3715, 48.5001)

Have a look what the booklet for
XYZ(65.0610, 56.3715, 48.5001)
contains.

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Color

**XYZ(64.9969, 56.2354,
48.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B0
RGB	255, 178, 176
RGB Percent	100%, 70%, 69%
CMY	0.0000, 0.3019, 0.3098
CMYK	0.00, 0.30, 0.31, 0.00
HSL	2°, 100%, 85%
HSV	2°, 31%, 100%
XYZ	64.9969, 56.2354, 48.5031
YIQ	200.7950, 46.5340, 15.7020

Conversions

Conversions Part 2

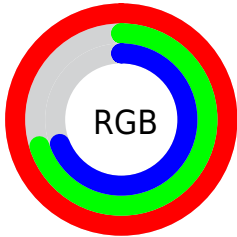
Format	Color
R _Y B	255, 178, 176
Decimal	16757424
CIE Lab	79.75, 27.80, 12.34
CIE LCh	80, 30.418, 23.928
Yxy	56.2354, 0.3829, 0.3313
Android (android.graphics.Color)	4294947504 (0xFFFFB2B0)
YUV	200.7950, -12.2239, 47.5378
Hunter-Lab	74.9903, 23.4797, 14.1449

Details

The XYZ color **64.9969, 56.2354, 48.5031** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.0784, 86.6975, 107.5958**, and the grayscale version is **55.4448, 58.3322, 63.5238**.

A 20% lighter version of the original color is **85.2283, 85.9318, 88.4384**, and **33.9977, 27.9928, 22.6801** is the 20% darker color. If you saturate the color by 10%, you get **58.2019, 46.3110, 34.9376**, and if you desaturate by 10%, it is **73.1644, 68.1461, 64.8654**.

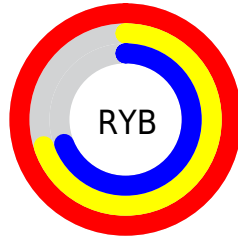
Distribution



Red (100%)

Green (70%)

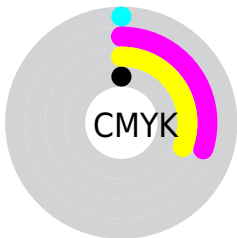
Blue (69%)



Red (100%)

Yellow (70%)

Blue (69%)

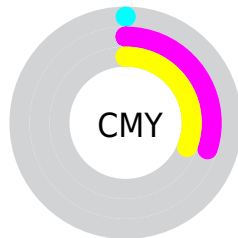


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9969, 56.2354, 48.5031 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 64.9969, 56.2354, 48.5031 by changing the saturation by 10% instead.

64.9969, 56.2354,
48.5031

64.9969, 56.2354,
48.5031

432.3262,
410.5780, 397.3489

47.7233, 40.3917,
33.8627

111.1111, 99.3487,
89.3263

33.8181, 27.8441,
22.5116

140.6824,
127.3870, 116.3462

22.9161, 18.2082,
14.0314

175.0837,
160.2590, 148.3296

14.6519, 11.0995,
8.0035

214.6802,
198.3491, 185.6951

8.6602, 6.1338,
4.0094

259.8373,
242.0417, 228.8613

4.5755, 2.9266,
1.6305

310.9205,

2.0326, 1.0935,

291.7211, 278.2466

0.3124

368.2950,
347.7717, 334.2696

■ 0.6522, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9969, 56.2354,
48.5031

■ 64.9969, 56.2354,
48.5031

■ 58.2019, 46.3110,
34.9376

■ 73.1644, 68.1461,
64.8654

■ 52.7003, 38.2577,
24.0093

■ 82.7695, 82.1346,
84.1651

■ 48.4111, 31.9604,
15.5479

■ 93.8783, 98.2961,
106.5377

■ 45.2430, 27.2882,
9.3614

■ 95.0500, 100.0000,
108.9000

■ 43.0911, 24.0920,
5.2299

■ 41.8313, 22.1952,
2.8900

■ 41.3103, 21.4005,
1.9534

Harmonies

Analogous

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



66.0846, 56.2354, 64.8812



64.9969, 56.2354, 48.5031



60.7151, 56.2354, 37.7451

Triad

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



64.9969, 56.2354, 48.5031



44.4552, 56.2354, 43.3856



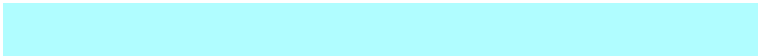
52.2097, 56.2354, 101.4316

Complementary

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



64.9969, 56.2354, 48.5031



71.0784, 86.6975, 107.5958

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.



46.7890, 56.2354, 92.8656



64.9969, 56.2354, 48.5031



42.5382, 56.2354, 57.7199

Square

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



64.9969, 56.2354, 48.5031



48.7985, 56.2354, 35.2108



43.3588, 56.2354, 76.0104



58.3882, 56.2354, 97.6722

Rectangle

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



64.9969, 56.2354, 48.5031



56.7891, 56.2354, 34.1253



43.3588, 56.2354, 76.0104



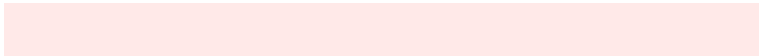
50.2445, 56.2354, 99.8536

Sweetspot

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



64.9983, 56.2380, 48.5042



84.8476, 85.1590, 88.3466



74.6043, 59.4467, 101.0426



17.8328, 17.7500, 18.2496



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.



64.9983, 56.2380, 48.5042



60.7474, 50.0312, 40.0119



73.8424, 73.9262, 51.4522



18.0463, 18.0608, 18.6793



21.6015, 11.2142, 1.0260



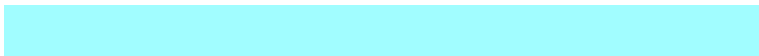
2.1157, 1.1168, 0.1040

Inverse Universe

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



71.0784, 86.6975, 107.5958



67.6782, 84.7623, 107.4015



60.0480, 64.6366, 103.9190



18.5130, 20.3976, 23.2113



27.0739, 39.0573, 55.5465



2.6481, 3.8269, 5.4124

Previews

White Background



This preview shows how the XYZ color 64.9969, 56.2354, 48.5031 looks on a white background.

Color Contrast Check

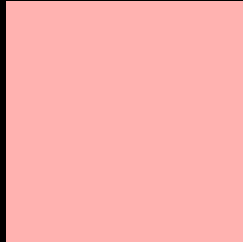
Large Text (above 18pt) WCAG AA × Fail

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 64.9969, 56.2354, 48.5031 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 64.9969, 56.2354, 48.5031

Background



This preview shows how black text looks on a background with the XYZ color 64.9969, 56.2354, 48.5031.



This preview shows how white text looks on a background with the XYZ color 64.9969, 56.2354,

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

64.9969, 56.2354, 48.5031

Protanopia

53.7310, 56.3150, 54.4923

Deuteranopia

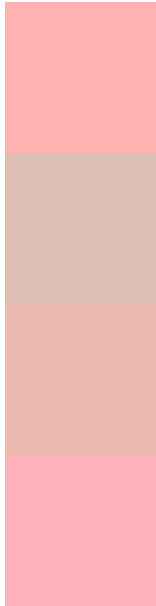
57.6348, 56.4863, 47.9097



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

64.9969, 56.2354, 48.5031

Protanomaly

57.2884, 55.8923, 52.0248

Deuteranomaly

60.2218, 56.2175, 48.2345

Tritanomaly

65.7191, 56.2071, 53.2842

Monochromacy



Original Color

64.9969, 56.2354, 48.5031

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.4032, 57.3179, 57.8544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9969, 56.2354, 48.5031 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 176) }
```

Border

The CSS property to change the border of an element to XYZ 64.9969, 56.2354, 48.5031 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, 176) }
```


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

```
.border{ border-color:rgb(255, 178, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9969, 56.2354, 48.5031 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, 176) }
```

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

```
.background{ background-color: rgb(255,  
178, 176) }
```

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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