

Converting Colors

XYZ(48.1212, 48.2757, 55.5416)

Have a look what the booklet for
XYZ(48.1212, 48.2757, 55.5416)
contains.

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Color

**XYZ(48.0663, 48.2348,
55.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B5BE
RGB	194, 181, 190
RGB Percent	76%, 71%, 75%
CMY	0.2392, 0.2902, 0.2549
CMYK	0.00, 0.07, 0.02, 0.24
HSL	318°, 10%, 74%
HSV	318°, 7%, 76%
XYZ	48.0663, 48.2348, 55.4921
YIQ	185.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

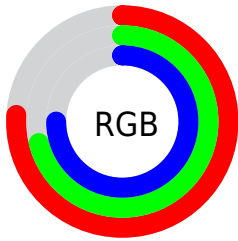
Format	Color
RYB	194, 181, 190
Decimal	12760510
CIELab	74.97, 6.23, -2.91
CIELCh	75, 6.875, 335.005
Yxy	48.2348, 0.3167, 0.3178
Android (android.graphics.Color)	4290950590 (0xFFC2B5BE)
YUV	185.9130, 2.0149, 7.0923
Hunter-Lab	69.4513, 1.9977, 1.2427

Details

The XYZ color **48.0663, 48.2348, 55.4921** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1067, 51.9114, 53.4386**, and the grayscale version is **46.6118, 49.0392, 53.4037**.

A 20% lighter version of the original color is **86.7024, 87.7314, 99.5529**, and **23.0497, 22.8199, 26.8567** is the 20% darker color. If you saturate the color by 10%, you get **43.7542, 40.6330, 50.9010**, and if you desaturate by 10%, it is **52.9572, 56.9500, 60.4092**.

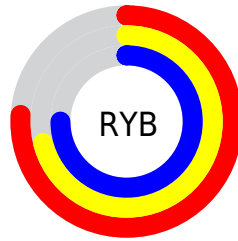
Distribution



Red (76%)

Green (71%)

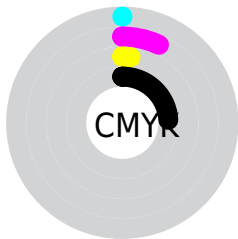
Blue (75%)



Red (76%)

Yellow (71%)

Blue (75%)

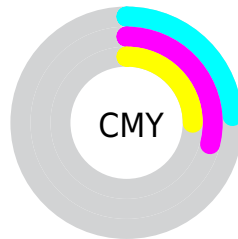


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0663, 48.2348, 55.4921 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 48.0663, 48.2348, 55.4921 by changing the saturation by 10% instead.

■ 48.0663, 48.2348,
55.4921

■ 48.0663, 48.2348,
55.4921

369.6331,
379.7221, 425.1090

■ 34.0909, 34.0129,
39.3946

■ 86.5122, 87.5539,
99.7400

■ 23.1266, 22.9035,
26.7566

111.7134,
113.4198, 128.7274

■ 14.8082, 14.5223,
17.1597

141.3872,
143.9359, 162.8485

■ 8.7704, 8.4848,
10.1853

175.8990,
179.4865, 202.5219

■ 4.6476, 4.4067,
5.4148

215.6141,
220.4560, 248.1662

■ 2.0746, 1.9036,
2.4297

260.8979,

■ 0.6754, 0.5505,

267.2289, 300.1997

0.8025

312.1158,
320.1894, 359.0412

■ 0.0000, 0.0000,
0.0000

■ 48.0663, 48.2348,
55.4921

■ 48.0663, 48.2348,
55.4921

■ 43.7542, 40.6330,
50.9010

■ 52.9572, 56.9500,
60.4092

■ 39.9938, 34.0931,
46.6236

■ 58.4444, 66.8151,
65.6579

■ 36.7621, 28.5689,
42.6512

■ 64.5496, 77.8724,
71.2476

■ 34.0328, 24.0081,
38.9735

■ 70.1313, 87.8386,
76.7993

■ 31.7772, 20.3540,
35.5791

■ 70.9076, 88.1492,
80.8870

■ 29.9635, 17.5437,
32.4560

■ 71.7121, 88.4710,
85.1235

■ 28.5562, 15.5065,
29.5903

■ 72.5451, 88.8042,
89.5102

■ 27.5137, 14.1597,
26.9667

■ 73.4070, 89.1489,
94.0487

■ 26.7807, 13.3936,
24.5648

■ 74.2979, 89.5053,
98.7403

Harmonies

Analogous

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



47.2430, 48.2348, 58.3821



48.0663, 48.2348, 55.4921



48.2902, 48.2348, 51.9193

Triad

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



48.0663, 48.2348, 55.4921



45.6357, 48.2348, 45.9355



43.8987, 48.2348, 56.5818

Complementary

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



48.0663, 48.2348, 55.4921



47.1067, 51.9114, 53.4386

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.



43.4851, 48.2348, 53.1243



48.0663, 48.2348, 55.4921



44.4762, 48.2348, 47.0632

Square

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



48.0663, 48.2348, 55.4921



46.8723, 48.2348, 46.5053



43.6946, 48.2348, 49.6550



44.8343, 48.2348, 59.0310

Rectangle

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



48.0663, 48.2348, 55.4921



48.0661, 48.2348, 49.6540



43.6946, 48.2348, 49.6550



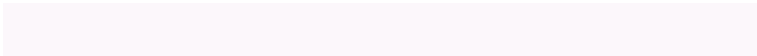
43.6948, 48.2348, 55.4932

Sweetspot

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



48.0677, 48.2369, 55.4931



91.0878, 94.5051, 104.6214



46.2469, 47.2470, 57.7218



19.9666, 20.7300, 22.9304



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.



48.0677, 48.2369, 55.4931



85.9068, 85.3041, 99.3150



47.3835, 47.9632, 51.8905



10.3610, 10.1930, 11.9917



17.5081, 8.6930, 15.8537



0.7861, 0.3875, 0.8412

Inverse Universe

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



48.0677, 48.2369, 55.4931



85.9068, 85.3041, 99.3150



47.7975, 52.1878, 57.0765



10.3610, 10.1930, 11.9917



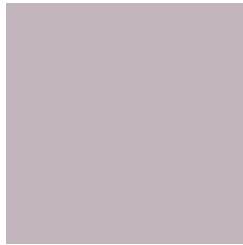
17.5081, 8.6930, 15.8537



0.7861, 0.3875, 0.8412

Previews

White Background



This preview shows how the XYZ color 48.0663, 48.2348, 55.4921 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 48.0663, 48.2348, 55.4921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

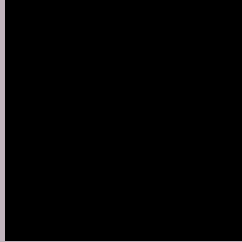
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0663, 48.2348, 55.4921

Background



This preview shows how black text looks on a background with the XYZ color 48.0663, 48.2348, 55.4921.



This preview shows how white text looks on a background with the XYZ color 48.0663, 48.2348,

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

48.0663, 48.2348, 55.4921

Protanopia

46.9046, 48.5259, 56.7635

Deuteranopia

49.2338, 48.2373, 55.4310



Tritanopia

48.5645, 48.1397, 57.7712

Trichromacy



Original Color

48.0663, 48.2348, 55.4921

Protanomaly

47.3237, 48.4474, 56.1473

Deuteranomaly

48.9042, 48.3660, 55.4732

Tritanomaly

48.4526, 48.0949, 57.1816

Monochromacy



Original Color

48.0663, 48.2348, 55.4921

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0964, 48.6877, 53.9291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0663, 48.2348, 55.4921 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(194, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 181, 190)  
}
```

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(194, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 181, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.0663, 48.2348, 55.4921 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(194, 181, 190) }
```


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

```
.border{ border-color:rgb(194, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 181,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0663, 48.2348, 55.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 181, 190) }
```

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

```
.background{ background-color: rgb(194,  
181, 190) }
```

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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