

Converting Colors

XYZ(48.5695, 47.4523, 48.3444)

Have a look what the booklet for
XYZ(48.5695, 47.4523, 48.3444)
contains.

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Color

**XYZ(48.5598, 47.4560,
48.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB1B1
RGB	204, 177, 177
RGB Percent	80%, 69%, 69%
CMY	0.2000, 0.3059, 0.3059
CMYK	0.00, 0.13, 0.13, 0.20
HSL	0°, 21%, 75%
HSV	0°, 13%, 80%
XYZ	48.5598, 47.4560, 48.1955
YIQ	185.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

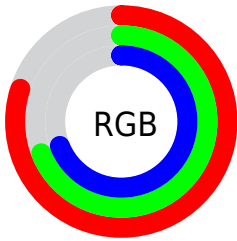
Format	Color
R_{YB}	204, 177, 177
Decimal	13414833
CIE Lab	74.48, 9.71, 3.58
CIE LCh	74, 10.351, 20.233
Yxy	47.4560, 0.3367, 0.3291
Android (android.graphics.Color)	4291604913 (0xFFCCB1B1)
YUV	185.0730, -3.9800, 16.5990
Hunter-Lab	68.8883, 5.2712, 6.7415

Details

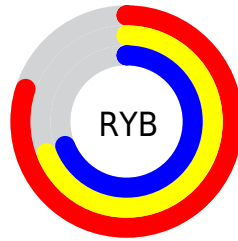
The XYZ color **48.5598, 47.4560, 48.1955** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6231, 56.8912, 65.4402**, and the grayscale version is **46.1710, 48.5755, 52.8987**.

A 20% lighter version of the original color is **85.0869, 85.4210, 89.0941**, and **23.4234, 22.3546, 22.1491** is the 20% darker color. If you saturate the color by 10%, you get **42.9446, 39.2396, 37.0306**, and if you desaturate by 10%, it is **55.0839, 57.0025, 61.1641**.

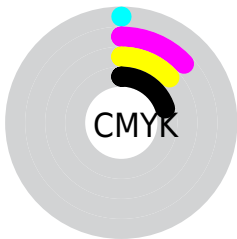
Distribution



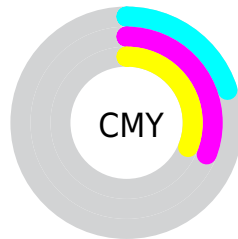
- Red (80%)
- Green (69%)
- Blue (69%)



- Red (80%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5598, 47.4560, 48.1955 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 48.5598, 47.4560, 48.1955 by changing the saturation by 10% instead.


 48.5598, 47.4560,
48.1955

 48.5598, 47.4560,
48.1955


371.5525,
376.6318, 396.0976

 34.4835, 33.3963,
33.6206


 87.2420, 86.3939,
88.8640

 23.4299, 22.4302,
22.3273


112.5786,
112.0409, 115.7947

 15.0337, 14.1733,
13.8970

142.3993,
142.3190, 147.6811

 8.9295, 8.2413,
7.9111

177.0695,
177.6128, 184.9418

 4.7520, 4.2498,
3.9512

216.9546,
218.3066, 227.9952

 2.1357, 1.8142,
1.5986

262.4199,

 0.7085, 0.4960,

264.7847, 277.2599

0.2898

313.8308,
317.4317, 333.1546

■ 0.0000, 0.0000,
0.0000

■ 48.5598, 47.4560,
48.1955

■ 48.5598, 47.4560,
48.1955

■ 42.9446, 39.2396,
37.0306

■ 55.0839, 57.0025,
61.1641

■ 38.1941, 32.2885,
27.5868

■ 62.5504, 67.9279,
76.0081

■ 34.2668, 26.5416,
19.7794

■ 70.9961, 80.2860,
92.7991

■ 31.1157, 21.9306,
13.5153

■ 78.7121, 91.5775,
108.1354

■ 28.6894, 18.3802,
8.6924

■ 26.9304, 15.8061,
5.1959

■ 25.7722, 14.1111,
2.8940

■ 25.1347, 13.1781,
1.6273

■ 24.9024, 12.8381,
1.1655

Harmonies

Analogous

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



48.7381, 47.4560, 53.4360



48.5598, 47.4560, 48.1955



47.4420, 47.4560, 44.1621

Triad

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



48.5598, 47.4560, 48.1955



42.4010, 47.4560, 45.3677



44.4990, 47.4560, 62.4849

Complementary

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



48.5598, 47.4560, 48.1955



50.6231, 56.8912, 65.4402

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.



42.8471, 47.4560, 59.9873



48.5598, 47.4560, 48.1955



41.6580, 47.4560, 49.9463

Square

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



48.5598, 47.4560, 48.1955



43.8749, 47.4560, 42.6093



41.8190, 47.4560, 55.3108



46.3589, 47.4560, 61.9353

Rectangle

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



48.5598, 47.4560, 48.1955



46.3310, 47.4560, 42.5842



41.8190, 47.4560, 55.3108



43.9018, 47.4560, 61.9676

Sweetspot

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



48.5611, 47.4581, 48.1965



90.2833, 93.0251, 99.4234



51.5236, 48.6419, 63.8005



19.1386, 19.6394, 20.9115



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.



48.5611, 47.4581, 48.1965



77.5018, 74.3226, 74.0132



51.3601, 53.0562, 49.1295



11.2125, 11.2139, 11.6530



15.6738, 8.0805, 0.7336



0.8086, 0.4170, 0.0379

Inverse Universe

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



50.6231, 56.8912, 65.4402



81.5981, 93.0626, 108.2699



47.5531, 50.7512, 64.4169



11.5432, 12.7268, 14.4185



20.4466, 29.9172, 40.6532



1.0549, 1.5435, 2.0973

Previews

White Background



This preview shows how the XYZ color 48.5598, 47.4560, 48.1955 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 48.5598, 47.4560, 48.1955 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 48.5598, 47.4560, 48.1955

Background



This preview shows how black text looks on a background with the XYZ color 48.5598, 47.4560, 48.1955.



This preview shows how white text looks on a background with the XYZ color 48.5598, 47.4560,

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

48.5598, 47.4560, 48.1955

Protanopia

45.6652, 47.7271, 49.9854

Deuteranopia

48.2866, 47.3151, 48.1827



Tritanopia

49.9689, 47.4559, 54.6704

Trichromacy



Original Color

48.5598, 47.4560, 48.1955

Protanomaly

46.6529, 47.6399, 49.3844

Deuteranomaly

48.2866, 47.3151, 48.1827

Tritanomaly

49.4591, 47.5326, 52.4669

Monochromacy



Original Color

48.5598, 47.4560, 48.1955

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.9097, 48.0398, 51.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5598, 47.4560, 48.1955 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(204, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 177, 177)  
}
```

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(204, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 177, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.5598, 47.4560, 48.1955 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(204, 177, 177) }
```


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

```
.border{ border-color:rgb(204, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 177,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5598, 47.4560, 48.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 177, 177) }
```

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

```
.background{ background-color: rgb(204,  
177, 177) }
```

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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