

Converting Colors

XYZ(48.6092, 50.2427, 52.3288)

Have a look what the booklet for
XYZ(48.6092, 50.2427, 52.3288)
contains.

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Color

**XYZ(48.4588, 50.0478,
52.4535)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BAB8
RGB	194, 186, 184
RGB Percent	76%, 73%, 72%
CMY	0.2392, 0.2706, 0.2784
CMYK	0.00, 0.04, 0.05, 0.24
HSL	12°, 8%, 74%
HSV	12°, 5%, 76%
XYZ	48.4588, 50.0478, 52.4535
YIQ	188.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

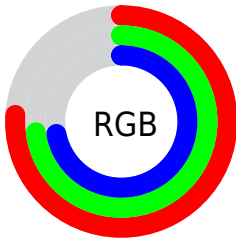
Format	Color
R _Y B	194, 187, 184
Decimal	12761784
CIE Lab	76.10, 2.46, 2.01
CIE LCh	76, 3.175, 39.205
Yxy	50.0478, 0.3210, 0.3315
Android (android.graphics.Color)	4290951864 (0xFFC2BAB8)
YUV	188.1640, -2.0529, 5.1182
Hunter-Lab	70.7445, -1.5333, 5.5605

Details

The XYZ color **48.4588, 50.0478, 52.4535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3544, 51.7840, 58.4865**, and the grayscale version is **47.9035, 50.3982, 54.8836**.

A 20% lighter version of the original color is **86.9046, 90.1195, 95.2525**, and **23.2995, 23.9892, 24.8751** is the 20% darker color. If you saturate the color by 10%, you get **43.4706, 43.1054, 41.4363**, and if you desaturate by 10%, it is **54.0836, 57.8159, 65.0601**.

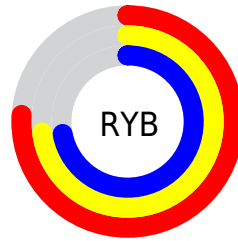
Distribution



Red (76%)

Green (73%)

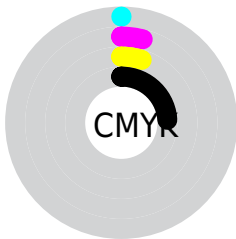
Blue (72%)



Red (76%)

Yellow (73%)

Blue (72%)

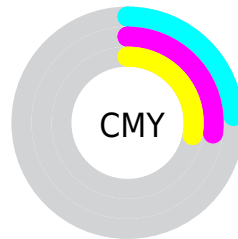


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4588, 50.0478, 52.4535 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 48.4588, 50.0478, 52.4535 by changing the saturation by 10% instead.

■ 48.4588, 50.0478,
52.4535

■ 48.4588, 50.0478,
52.4535

371.1602,
386.8528, 413.1915

■ 34.4031, 35.4514,
36.9819

■ 87.0927, 90.2457,
95.2331

■ 23.3678, 24.0108,
24.8978

112.4016,
116.6160, 123.3782

■ 14.9875, 15.3416,
15.7826

142.1923,
147.6796, 156.5849

■ 8.8969, 9.0595,
9.2178

176.8302,
183.8211, 195.2718

■ 4.7306, 4.7800,
4.7848

216.6806,
225.4248, 239.8574

■ 2.1232, 2.1188,
2.0650

262.1088,

■ 0.7018, 0.6752,

272.8750, 290.7601

0.5948

313.4802,
326.5562, 348.3987

■ 0.0000, 0.0000,
0.0000

■ 48.4588, 50.0478,
52.4535

■ 48.4588, 50.0478,
52.4535

■ 43.4706, 43.1054,
41.4363

■ 54.0836, 57.8159,
65.0601

■ 39.0923, 36.9551,
31.9420

■ 60.3622, 66.4288,
79.3124

■ 35.3014, 31.5704,
23.9045

■ 67.3164, 75.9135,
95.2681

■ 32.0722, 26.9211,
17.2511

■ 73.8843, 85.8611,
107.2865

■ 29.3774, 22.9749,
11.9032

■ 76.0585, 90.2095,
108.0112

■ 27.1872, 19.6970,
7.7741

■ 25.4686, 17.0496,
4.7666

■ 24.1847, 14.9910,
2.7684

■ 23.2919, 13.4739,
1.6430

Harmonies

Analogous

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



48.7044, 50.0478, 53.9724



48.4588, 50.0478, 52.4535



47.9753, 50.0478, 51.4947

Triad

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



48.4588, 50.0478, 52.4535



46.5099, 50.0478, 53.3413



47.7517, 50.0478, 57.7841

Complementary

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



48.4588, 50.0478, 52.4535



48.3544, 51.7840, 58.4865

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.



47.1649, 50.0478, 57.6067



48.4588, 50.0478, 52.4535



46.4512, 50.0478, 55.0181

Square

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



48.4588, 50.0478, 52.4535



46.8512, 50.0478, 51.9998



46.6900, 50.0478, 56.5858



48.2940, 50.0478, 57.0658

Rectangle

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



48.4588, 50.0478, 52.4535



47.5848, 50.0478, 51.2902



46.6900, 50.0478, 56.5858



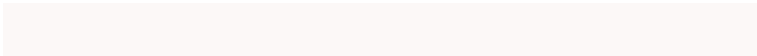
47.5531, 50.0478, 57.8276

Sweetspot

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



48.4602, 50.0500, 52.4546



90.8529, 94.9084, 101.8512



48.9038, 49.5568, 56.8579



19.9176, 20.8141, 22.3530



0.0000, 0.0000, 0.0000



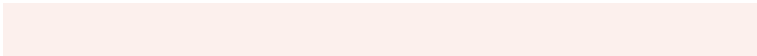
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4602, 50.0500, 52.4546



86.8979, 89.4307, 93.0349



49.5314, 52.1924, 52.8117



10.5515, 10.8399, 11.2352



15.1489, 8.5836, 0.8584



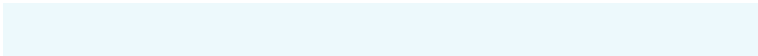
0.7041, 0.4700, 0.0536

Inverse Universe

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



48.3544, 51.7840, 58.4865



86.6727, 93.1222, 105.8760



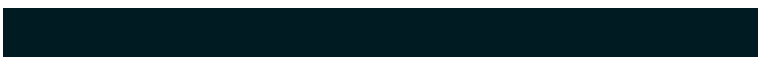
47.2758, 49.6268, 58.1270



10.5220, 11.3230, 12.9158



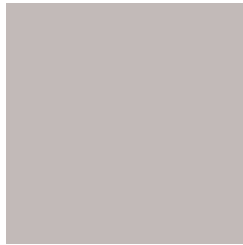
14.1825, 18.1216, 36.3069



0.6574, 0.8722, 1.5836

Previews

White Background



This preview shows how the XYZ color 48.4588, 50.0478, 52.4535 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 48.4588, 50.0478, 52.4535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

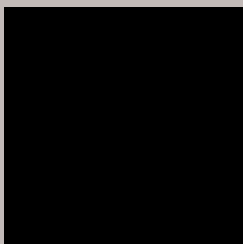
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

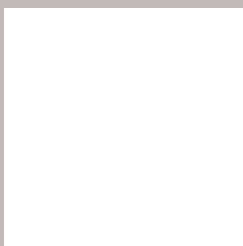
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4588, 50.0478, 52.4535

Background



This preview shows how black text looks on a background with the XYZ color 48.4588, 50.0478, 52.4535.



This preview shows how white text looks on a background with the XYZ color 48.4588, 50.0478,

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

48.4588, 50.0478, 52.4535

Protanopia

48.1603, 50.2078, 52.5002

Deuteranopia

51.2170, 50.2241, 52.8937



Tritanopia

50.0985, 50.0940, 60.4547

Trichromacy



Original Color

48.4588, 50.0478, 52.4535

Protanomaly

48.4144, 50.3388, 52.5120

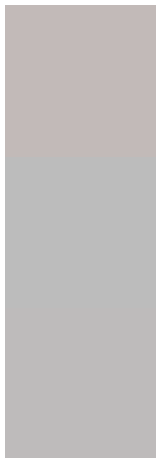
Deuteranomaly

50.0476, 49.9263, 52.8979

Tritanomaly

49.4803, 50.1503, 57.5242

Monochromacy



Original Color

48.4588, 50.0478, 52.4535

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9752, 50.0757, 54.1507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4588, 50.0478, 52.4535 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, 186, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 184)  
}
```

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, 186, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.4588, 50.0478, 52.4535 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, 186, 184) }
```


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

```
.border{ border-color:rgb(194, 186, 184) }
```

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

Here you see how a box with a 4 pixel rgb(194, 186, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4588, 50.0478, 52.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 184) }
```

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

```
.background{ background-color: rgb(194,  
186, 184) }
```

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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