

Converting Colors

XYZ(48.5374, 51.3680, 51.3127)

Have a look what the booklet for
XYZ(48.5374, 51.3680, 51.3127)
contains.

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Color

**XYZ(48.4922, 51.3696,
51.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BEB5
RGB	192, 190, 181
RGB Percent	75%, 75%, 71%
CMY	0.2471, 0.2549, 0.2902
CMYK	0.00, 0.01, 0.06, 0.25
HSL	49°, 8%, 73%
HSV	49°, 6%, 75%
XYZ	48.4922, 51.3696, 51.0756
YIQ	189.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

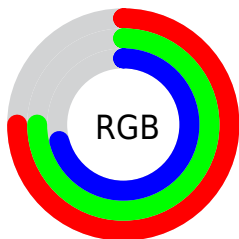
Format	Color
RYB	183, 192, 181
Decimal	12631733
CIELab	76.90, -0.91, 4.78
CIElCh	77, 4.864, 100.814
Yxy	51.3696, 0.3213, 0.3403
Android (android.graphics.Color)	4290821813 (0xFFC0BEB5)
YUV	189.5720, -4.2260, 2.1294
Hunter-Lab	71.6726, -4.6576, 7.9193

Details

The XYZ color **48.4922, 51.3696, 51.0756** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5040, 47.4958, 56.6391**, and the grayscale version is **48.7206, 51.2578, 55.8198**.

A 20% lighter version of the original color is **86.9532, 91.9824, 93.2922**, and **23.4894, 24.9388, 23.9977** is the 20% darker color. If you saturate the color by 10%, you get **45.9111, 49.1455, 41.1562**, and if you desaturate by 10%, it is **51.3657, 53.7428, 62.4333**.

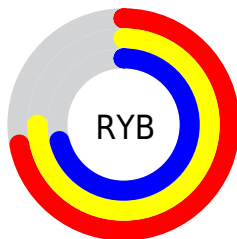
Distribution



Red (75%)

Green (75%)

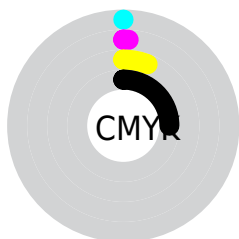
Blue (71%)



Red (72%)

Yellow (75%)

Blue (71%)

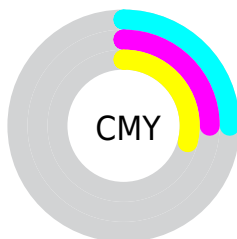


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4922, 51.3696, 51.0756 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 48.4922, 51.3696, 51.0756 by changing the saturation by 10% instead.

■ 48.4922, 51.3696,
51.0756

■ 48.4922, 51.3696,
51.0756

371.2900,
391.9981, 407.7124

■ 34.4297, 36.5028,
35.8916

■ 87.1421, 92.2009,
93.1792

■ 23.3884, 24.8228,
24.0615

112.4601,
118.9342, 120.9358

■ 15.0028, 15.9451,
15.1666

142.2608,
150.3918, 153.7205

■ 8.9077, 9.4853,
8.7885

176.9093,
186.9581, 191.9517

■ 4.7376, 5.0591,
4.5085

216.7712,
229.0174, 236.0479

■ 2.1273, 2.2820,
1.9083

262.2117,

■ 0.7040, 0.7641,

276.9543, 286.4277

0.4980

313.5962,
331.1530, 343.5097

■ 0.0000, 0.0000,
0.0000

■ 48.4922, 51.3696,
51.0756

■ 48.4922, 51.3696,
51.0756

■ 45.9111, 49.1455,
41.1562

■ 51.3657, 53.7428,
62.4333

■ 43.6071, 47.0593,
32.6135

■ 54.5380, 56.2630,
75.2808

■ 41.5695, 45.1082,
25.3866

■ 58.0204, 58.9365,
89.6711

■ 39.7857, 43.2868,
19.4086

■ 61.3679, 61.5854,
103.2605

■ 38.2417, 41.5894,
14.6065

■ 62.2052, 63.2600,
103.5396

■ 36.9220, 40.0096,
10.9001

■ 63.0611, 64.9718,
103.8249

■ 35.8094, 38.5403,
8.1989

■ 63.9358, 66.7211,
104.1164

■ 34.8838, 37.1732,
6.3979

■ 64.8293, 68.5083,
104.4143

■ 34.1202, 35.8982,
5.3662

■ 65.7419, 70.3334,
104.7185

Harmonies

Analogous

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



49.4123, 51.3696, 51.2570



48.4922, 51.3696, 51.0756



47.6716, 51.3696, 52.1643

Triad

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



48.4922, 51.3696, 51.0756



47.4911, 51.3696, 59.3297



50.5250, 51.3696, 57.6240

Complementary

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



48.4922, 51.3696, 51.0756



45.5040, 47.4958, 56.6391

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.



49.9974, 51.3696, 59.8785



48.4922, 51.3696, 51.0756



48.2429, 51.3696, 60.8845

Square

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



48.4922, 51.3696, 51.0756



47.0984, 51.3696, 56.8943



49.1598, 51.3696, 61.0885



50.5938, 51.3696, 54.9822

Rectangle

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



48.4922, 51.3696, 51.0756



47.2884, 51.3696, 53.4846



49.1598, 51.3696, 61.0885



50.3951, 51.3696, 58.4545

Sweetspot

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



48.4936, 51.3718, 51.0767



89.7285, 94.6391, 99.8458



46.8118, 47.6746, 51.5445



19.2610, 20.3126, 21.4648



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.4936, 51.3718, 51.0767



87.1887, 92.5084, 89.9080



48.0574, 51.7933, 51.1810



10.8653, 11.5332, 11.1373



22.8102, 23.9062, 3.4121



1.0270, 1.1158, 0.1612

Inverse Universe

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



45.5040, 47.4958, 56.6391



80.5258, 83.8702, 102.3047



45.9222, 47.1045, 56.5415



9.9902, 10.3987, 12.7654



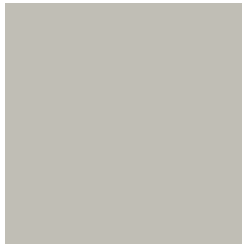
6.8454, 3.4473, 33.8612



0.3419, 0.2413, 1.4784

Previews

White Background



This preview shows how the XYZ color 48.4922, 51.3696, 51.0756 looks on a white background.

Color Contrast Check

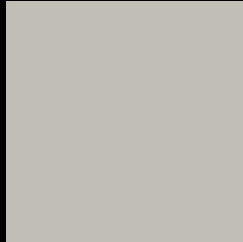
Large Text (above 18pt) WCAG AA × Fail

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 48.4922, 51.3696, 51.0756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

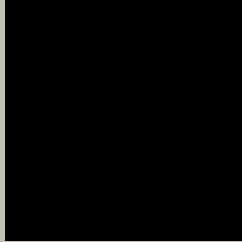
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

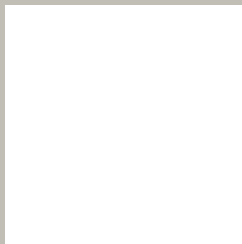
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4922, 51.3696, 51.0756

Background



This preview shows how black text looks on a background with the XYZ color 48.4922, 51.3696, 51.0756.



This preview shows how white text looks on a background with the XYZ color 48.4922, 51.3696,

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

48.4922, 51.3696, 51.0756

Protanopia

48.9415, 51.2926, 50.5010

Deuteranopia

52.2410, 51.0933, 51.3646



Tritanopia

50.9367, 51.4070, 63.1150

Trichromacy



Original Color

48.4922, 51.3696, 51.0756

Protanomaly

48.6839, 51.1598, 50.4889

Deuteranomaly

50.9042, 51.3326, 51.4812

Tritanomaly

49.9690, 51.3308, 58.3131

Monochromacy



Original Color

48.4922, 51.3696, 51.0756

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8690, 51.4911, 54.3768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4922, 51.3696, 51.0756 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(192, 190, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 190, 181)  
}
```

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(192, 190, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 190, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.4922, 51.3696, 51.0756 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(192, 190, 181) }
```


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

```
.border{ border-color:rgb(192, 190, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 190, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 190, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 190, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 190,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4922, 51.3696, 51.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 190, 181) }
```

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

```
.background{ background-color: rgb(192,  
190, 181) }
```

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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