

Converting Colors

XYZ(48.4883, 51.5001, 48.4048)

Have a look what the booklet for
XYZ(48.4883, 51.5001, 48.4048)
contains.

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Color

**XYZ(48.4981, 51.4308,
48.4453)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BEB0
RGB	194, 190, 176
RGB Percent	76%, 75%, 69%
CMY	0.2392, 0.2549, 0.3098
CMYK	0.00, 0.02, 0.09, 0.24
HSL	47°, 13%, 73%
HSV	47°, 9%, 76%
XYZ	48.4981, 51.4308, 48.4453
YIQ	189.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

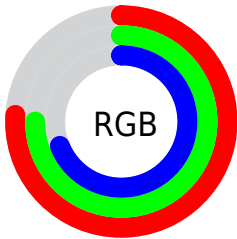
Format	Color
RYB	181, 194, 176
Decimal	12762800
CIELab	76.94, -1.06, 7.56
CIELCh	77, 7.629, 97.951
Yxy	51.4308, 0.3269, 0.3466
Android (android.graphics.Color)	4290952880 (0xFFC2BEB0)
YUV	189.6000, -6.7048, 3.8588
Hunter-Lab	71.7153, -4.7895, 10.1489

Details

The XYZ color **48.4981, 51.4308, 48.4453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9634, 45.7671, 57.5564**, and the grayscale version is **48.7493, 51.2880, 55.8527**.

A 20% lighter version of the original color is **87.3049, 92.2470, 89.5479**, and **23.3990, 24.9220, 22.6460** is the 20% darker color. If you saturate the color by 10%, you get **45.7954, 48.8805, 38.7413**, and if you desaturate by 10%, it is **51.5056, 54.1505, 59.6056**.

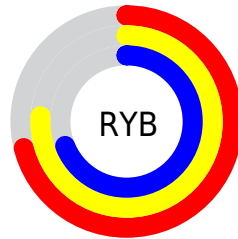
Distribution



Red (76%)

Green (75%)

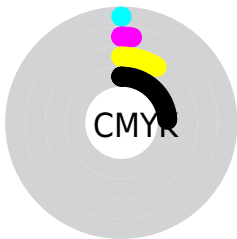
Blue (69%)



Red (71%)

Yellow (76%)

Blue (69%)

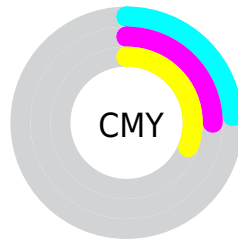


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4981, 51.4308, 48.4453 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 48.4981, 51.4308, 48.4453 by changing the saturation by 10% instead.

■ 48.4981, 51.4308,
48.4453

■ 48.4981, 51.4308,
48.4453

371.3129,
392.2352, 397.1140

■ 34.4344, 36.5516,
33.8172

■ 87.1508, 92.2913,
89.2395

■ 23.3920, 24.8605,
22.4770

112.4705,
119.0413, 116.2426

■ 15.0055, 15.9731,
14.0061

142.2729,
150.5170, 148.2078

■ 8.9096, 9.5051,
7.9861

176.9233,
187.1028, 185.5537

■ 4.7389, 5.0721,
3.9984

216.7872,
229.1832, 228.6986

■ 2.1281, 2.2896,
1.6245

262.2299,

■ 0.7044, 0.7682,

277.1424, 278.0613

0.3082

313.6166,
331.3650, 334.0603

■ 0.0000, 0.0000,
0.0000

■ 48.4981, 51.4308,
48.4453

■ 48.4981, 51.4308,
48.4453

■ 45.7954, 48.8805,
38.7413

■ 51.5056, 54.1505,
59.6056

■ 43.3815, 46.4878,
30.4292

■ 54.8247, 57.0376,
72.2762

■ 41.2450, 44.2495,
23.4448

■ 58.4675, 60.0991,
86.5127

■ 39.3724, 42.1597,
17.7173

■ 62.4438, 63.3392,
102.3666

■ 37.7488, 40.2121,
13.1694

■ 63.7276, 65.5478,
103.9009

■ 36.3576, 38.3996,
9.7155

■ 64.8158, 67.7242,
104.2637

■ 35.1801, 36.7144,
7.2578

■ 65.9329, 69.9584,
104.6360

■ 34.1942, 35.1473,
5.6817

■ 67.0791, 72.2509,
105.0181

■ 33.3609, 33.6822,
4.7832

■ 68.2547, 74.6021,
105.4100

Harmonies

Analogous

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



49.9394, 51.4308, 48.9081



48.4981, 51.4308, 48.4453



47.1859, 51.4308, 49.9260

Triad

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



48.4981, 51.4308, 48.4453



46.7140, 51.4308, 61.0640



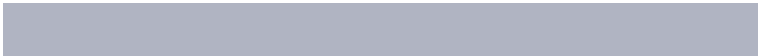
51.5180, 51.4308, 59.0560

Complementary

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



48.4981, 51.4308, 48.4453



43.9634, 45.7671, 57.5564

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.



50.6212, 51.4308, 62.5464



48.4981, 51.4308, 48.4453



47.8425, 51.4308, 63.7451

Square

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



48.4981, 51.4308, 48.4453



46.1692, 51.4308, 57.1132



49.2708, 51.4308, 64.3006



51.7020, 51.4308, 54.9002

Rectangle

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



48.4981, 51.4308, 48.4453



46.5542, 51.4308, 51.8613



49.2708, 51.4308, 64.3006



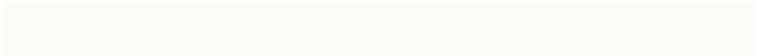
51.2891, 51.4308, 60.3519

Sweetspot

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



48.4995, 51.4331, 48.4464



91.1955, 96.2144, 100.0521



46.0328, 45.8242, 49.7064



19.8727, 20.9815, 21.5450



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.



48.4995, 51.4331, 48.4464



86.8974, 92.2830, 84.2383



48.1649, 52.5633, 48.6822



10.7176, 11.3666, 10.6910



21.9586, 22.2030, 3.1283



0.9968, 1.0553, 0.1512

Inverse Universe

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



43.9634, 45.7671, 57.5564



77.1268, 80.0789, 103.8615



44.2729, 44.7461, 57.3431



9.7057, 10.1026, 12.7233



7.0231, 3.8027, 33.9205



0.3565, 0.2704, 1.4833

Previews

White Background



This preview shows how the XYZ color 48.4981, 51.4308, 48.4453 looks on a white background.

Color Contrast Check

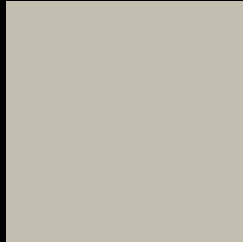
Large Text (above 18pt) WCAG AA × Fail

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 48.4981, 51.4308, 48.4453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

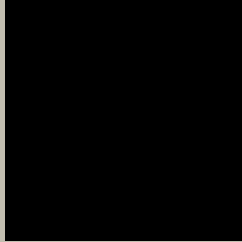
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4981, 51.4308, 48.4453

Background



This preview shows how black text looks on a background with the XYZ color 48.4981, 51.4308, 48.4453.



This preview shows how white text looks on a background with the XYZ color 48.4981, 51.4308,

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

48.4981, 51.4308, 48.4453

Protanopia

49.0600, 51.4001, 48.4098

Deuteranopia

52.3099, 51.1874, 48.7181



Tritanopia

51.3902, 51.3406, 62.4595

Trichromacy



Original Color

48.4981, 51.4308, 48.4453

Protanomaly

48.7990, 51.2655, 48.3976

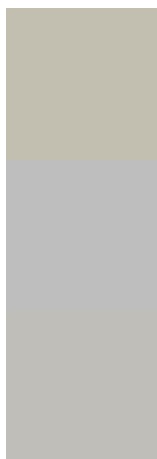
Deuteranomaly

50.9483, 51.4139, 48.8336

Tritanomaly

50.3107, 51.2167, 57.1033

Monochromacy



Original Color

48.4981, 51.4308, 48.4453

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6563, 51.4061, 53.2568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4981, 51.4308, 48.4453 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, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 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(194, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 176) }
```

Border

The CSS property to change the border of an element to XYZ 48.4981, 51.4308, 48.4453 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, 190, 176) }
```


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

```
.border{ border-color:rgb(194, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4981, 51.4308, 48.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 176) }
```

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

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