

Converting Colors

XYZ(48.5263, 52.0326, 43.2342)

Have a look what the booklet for
XYZ(48.5263, 52.0326, 43.2342)
contains.

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Color

**XYZ(48.4483, 51.8485,
43.0516)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BFA5
RGB	197, 191, 165
RGB Percent	77%, 75%, 65%
CMY	0.2274, 0.2510, 0.3529
CMYK	0.00, 0.03, 0.16, 0.23
HSL	49°, 22%, 71%
HSV	49°, 16%, 77%
XYZ	48.4483, 51.8485, 43.0516
YIQ	189.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

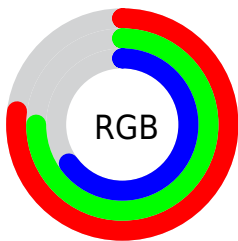
Format	Color
RYB	172, 197, 165
Decimal	12959653
CIELab	77.19, -2.27, 13.88
CIELCh	77, 14.064, 99.304
Yxy	51.8485, 0.3380, 0.3617
Android (android.graphics.Color)	4291149733 (0xFFC5BFA5)
YUV	189.8300, -12.2412, 6.2881
Hunter-Lab	72.0059, -5.9088, 14.9552

Details

The XYZ color **48.4483, 51.8485, 43.0516** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1580, 41.1556, 58.6511**, and the grayscale version is **48.9103, 51.4574, 56.0371**.

A 20% lighter version of the original color is **87.0521, 92.7597, 81.0264**, and **23.3968, 25.2089, 19.2554** is the 20% darker color. If you saturate the color by 10%, you get **45.9972, 49.5979, 34.0592**, and if you desaturate by 10%, it is **51.1987, 54.2548, 53.5078**.

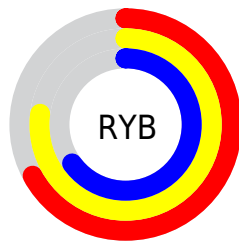
Distribution



Red (77%)

Green (75%)

Blue (65%)



Red (67%)

Yellow (77%)

Blue (65%)

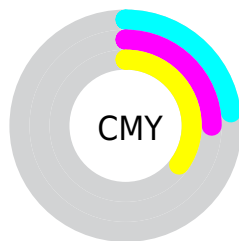


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4483, 51.8485, 43.0516 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 48.4483, 51.8485, 43.0516 by changing the saturation by 10% instead.

■ 48.4483, 51.8485,
43.0516

■ 48.4483, 51.8485,
43.0516

371.1194,
393.8515, 374.7514

■ 34.3948, 36.8843,
29.5939

■ 87.0772, 92.9078,
81.0759

■ 23.3614, 25.1179,
19.2811

■ 112.3832,
119.7717, 106.4796

■ 14.9827, 16.1650,
11.6947

142.1708,
151.3709, 136.7024

■ 8.8935, 9.6410,
6.4162

176.8053,
188.0899, 172.1628

■ 4.7283, 5.1616,
3.0269

216.6521,
230.3131, 213.2793

■ 2.1219, 2.3424,
1.1084

262.0764,

■ 0.7011, 0.7960,

278.4248, 260.4706

0.0000

313.4438,
332.8095, 314.1551

■ 0.0000, 0.0000,
0.0000

■ 48.4483, 51.8485,
43.0516

■ 48.4483, 51.8485,
43.0516

■ 45.9972, 49.5979,
34.0592

■ 51.1987, 54.2548,
53.5078

■ 43.8285, 47.4907,
26.4607

■ 54.2563, 56.8149,
65.4865

■ 41.9298, 45.5235,
20.1858

■ 57.6336, 59.5359,
79.0474

■ 40.2863, 43.6902,
15.1564

■ 61.3413, 62.4221,
94.2460

■ 38.8814, 41.9838,
11.2865

■ 63.9900, 64.9182,
103.7656

■ 37.6966, 40.3967,
8.4789

■ 64.9089, 66.7559,
104.0719

■ 36.7101, 38.9200,
6.6205

■ 65.8489, 68.6359,
104.3852

■ 35.8946, 37.5424,
5.5671

■ 66.8102, 70.5585,
104.7056

■ 35.6121, 37.0423,
5.2729

■ 67.7929, 72.5238,
105.0332

Harmonies

Analogous

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



51.1326, 51.8485, 43.6905



48.4483, 51.8485, 43.0516



46.0737, 51.8485, 45.7421

Triad

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



48.4483, 51.8485, 43.0516



45.3824, 51.8485, 66.3751



54.2832, 51.8485, 61.8573

Complementary

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



48.4483, 51.8485, 43.0516



40.1580, 41.1556, 58.6511

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.



52.6326, 51.8485, 68.7203



48.4483, 51.8485, 43.0516



47.4736, 51.8485, 71.4891

Square

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



48.4483, 51.8485, 43.0516



44.3466, 51.8485, 58.8850



50.1221, 51.8485, 72.3844



54.5674, 51.8485, 54.0912

Rectangle

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



48.4483, 51.8485, 43.0516



44.9619, 51.8485, 49.2194



50.1221, 51.8485, 72.3844



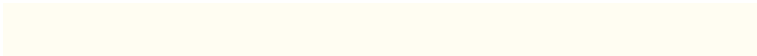
53.8670, 51.8485, 64.3654

Sweetspot

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



48.4497, 51.8508, 43.0527



92.3072, 97.6910, 98.1925



43.8706, 41.7369, 44.4728



19.6775, 20.8417, 20.7073



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.



48.4497, 51.8508, 43.0527



85.3794, 91.6068, 71.9254



47.3499, 53.2650, 43.3836



11.3484, 12.0660, 11.2936



23.4808, 24.4788, 3.4873



1.1568, 1.2489, 0.1801

Inverse Universe

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



40.1580, 41.1556, 58.6511



68.1174, 69.3422, 104.4020



41.1234, 40.0100, 58.3790



10.2148, 10.6037, 13.4258



7.1079, 3.6097, 35.0665



0.3865, 0.2708, 1.6770

Previews

White Background



This preview shows how the XYZ color 48.4483, 51.8485, 43.0516 looks on a white background.

Color Contrast Check

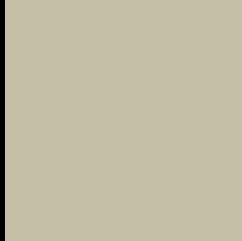
Large Text (above 18pt) WCAG AA × Fail

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 48.4483, 51.8485, 43.0516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

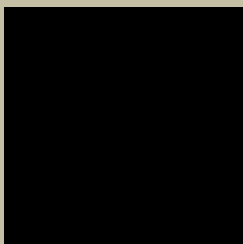
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

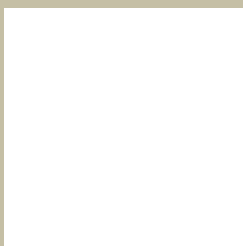
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4483, 51.8485, 43.0516

Background



This preview shows how black text looks on a background with the XYZ color 48.4483, 51.8485, 43.0516.



This preview shows how white text looks on a background with the XYZ color 48.4483, 51.8485,

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

48.4483, 51.8485, 43.0516

Protanopia

49.0244, 51.8229, 43.0163

Deuteranopia

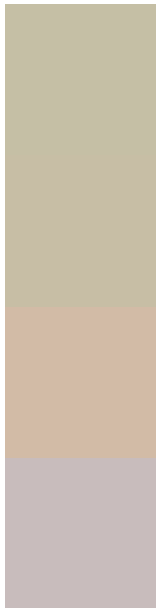
52.9369, 51.9396, 43.3117



Tritanopia

52.4586, 51.8914, 62.5095

Trichromacy



Original Color

48.4483, 51.8485, 43.0516

Protanomaly

48.7582, 51.6856, 43.0038

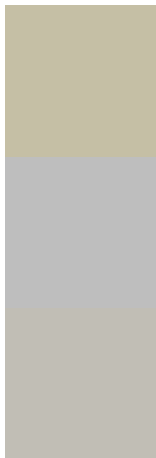
Deuteranomaly

51.2316, 51.9955, 43.4123

Tritanomaly

50.8797, 51.8766, 54.9085

Monochromacy



Original Color

48.4483, 51.8485, 43.0516

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.7463, 51.5006, 51.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4483, 51.8485, 43.0516 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(197, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 165)  
}
```

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(197, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 165) }
```

Border

The CSS property to change the border of an element to XYZ 48.4483, 51.8485, 43.0516 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(197, 191, 165) }
```


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

```
.border{ border-color:rgb(197, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(197, 191,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4483, 51.8485, 43.0516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 165) }
```

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

```
.background{ background-color: rgb(197,  
191, 165) }
```

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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