

Converting Colors

XYZ(43.4496, 48.3825, 10.7901)

Have a look what the booklet for
XYZ(43.4496, 48.3825, 10.7901)
contains.

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Color

**XYZ(43.4496, 48.3825,
10.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBA38
RGB	205, 186, 56
RGB Percent	80%, 73%, 22%
CMY	0.1961, 0.2706, 0.7804
CMYK	0.00, 0.09, 0.73, 0.20
HSL	52°, 60%, 51%
HSV	52°, 73%, 80%
XYZ	43.4496, 48.3825, 10.7901
YIQ	176.8610, 53.0540, -36.4020

Conversions

Conversions Part 2

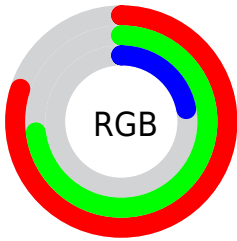
Format	Color
RYB	78, 205, 56
Decimal	13482552
CIELab	75.07, -7.35, 64.46
CIELCh	75, 64.876, 96.509
Yxy	48.3825, 0.4234, 0.4715
Android (android.graphics.Color)	4291672632 (0xFFCDBA38)
YUV	176.8610, -59.5845, 24.6779
Hunter-Lab	69.5575, -10.2244, 39.4929

Details

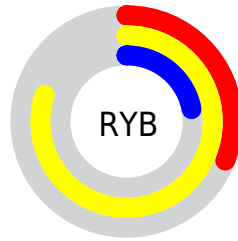
The XYZ color **43.4496, 48.3825, 10.7901** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **15.1665, 10.2806, 58.9423**, and the grayscale version is **42.0017, 44.1890, 48.1218**.

A 20% lighter version of the original color is **75.8614, 85.9120, 27.6233**, and **20.4202, 22.9781, 3.3590** is the 20% darker color. If you saturate the color by 10%, you get **42.5021, 47.1324, 8.4870**, and if you desaturate by 10%, it is **44.6146, 49.7394, 14.1790**.

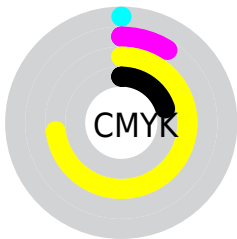
Distribution



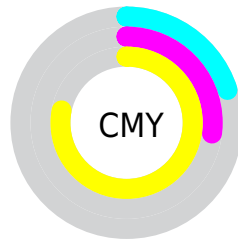
- Red (80%)
- Green (73%)
- Blue (22%)



- Red (31%)
- Yellow (80%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (73%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4496, 48.3825, 10.7901 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 43.4496, 48.3825, 10.7901 by changing the saturation by 10% instead.

43.4496, 48.3825,
10.7901

43.4496, 48.3825,
10.7901

351.3477,
380.3063, 206.9073

30.4341, 34.1299,
5.8135

79.6404, 87.7736,
27.9021

20.3180, 22.9934,
2.6650

103.5463,
113.6810, 40.8745

12.7360, 14.5886,
0.9258

131.8132,
144.2420, 57.3493

7.3228, 8.5312,
0.0000

164.8062,
179.8411, 77.7449

3.7129, 4.4367,
0.0000

202.8909,
220.8627, 102.4800

1.5410, 1.9207,
0.0000

246.4324,

0.3535, 0.5608,

267.6911, 131.9731

0.0000

295.7963,
320.7109, 166.6426

■ 0.0000, 0.0000,
0.0000

■ 43.4496, 48.3825,
10.7901

■ 43.4496, 48.3825,
10.7901

■ 42.5021, 47.1324,
8.4870

■ 44.6146, 49.7394,
14.1790

■ 41.7419, 45.9715,
7.1255

■ 46.0161, 51.2052,
18.7687

■ 41.2700, 45.1656,
6.5427

■ 47.6748, 52.7902,
24.6624

■ 49.6081, 54.5014,
31.9516

■ 51.8318, 56.3452,
40.7197

■ 54.3607, 58.3276,
51.0434

■ 57.2082, 60.4541,
62.9939

■ 60.3871, 62.7298,
76.6384

■ 63.9096, 65.1597,
92.0400

Harmonies

Analogous

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



55.6870, 48.3825, 12.6190



43.4496, 48.3825, 10.7901



33.7107, 48.3825, 15.6948

Triad

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



43.4496, 48.3825, 10.7901



29.9858, 48.3825, 101.8647



70.2279, 48.3825, 83.2330

Complementary

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



43.4496, 48.3825, 10.7901



15.1665, 10.2806, 58.9423

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.



60.9294, 48.3825, 124.5296



43.4496, 48.3825, 10.7901



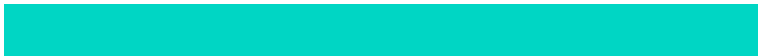
37.4828, 48.3825, 138.1322

Square

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



43.4496, 48.3825, 10.7901



26.8481, 48.3825, 60.4346



48.6195, 48.3825, 147.8423



72.5646, 48.3825, 45.6194

Rectangle

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



43.4496, 48.3825, 10.7901



29.4710, 48.3825, 24.2376



48.6195, 48.3825, 147.8423



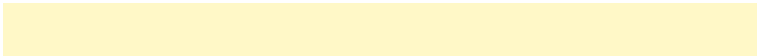
67.7434, 48.3825, 97.5552

Sweetspot

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



43.4507, 48.3848, 10.7911



85.0580, 92.4205, 67.3279



27.8911, 16.3279, 8.4955



17.9802, 19.5990, 13.5075



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.



43.4507, 48.3848, 10.7911



68.9087, 76.1549, 12.5174



35.1907, 50.4670, 11.6283



12.0271, 12.8431, 11.9245



25.7410, 28.2149, 4.0893



1.3629, 1.5254, 0.2226

Inverse Universe

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



15.1665, 10.2806, 58.9423



20.3739, 10.9296, 95.6435



18.9436, 10.5925, 58.8034



10.7151, 11.0707, 14.1425



7.1306, 3.2851, 36.2145



0.4068, 0.2474, 1.8813

Previews

White Background



This preview shows how the XYZ color 43.4496, 48.3825, 10.7901 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 43.4496, 48.3825, 10.7901 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 43.4496, 48.3825, 10.7901

Background



This preview shows how black text looks on a background with the XYZ color 43.4496, 48.3825, 10.7901.



This preview shows how white text looks on a background with the XYZ color 43.4496, 48.3825,

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

43.4496, 48.3825, 10.7901

Protanopia

43.7949, 48.2488, 10.7461

Deuteranopia

49.2959, 48.3658, 11.0123



Tritanopia

52.1300, 48.3070, 53.5903

Trichromacy



Original Color

43.4496, 48.3825, 10.7901

Protanomaly

43.5164, 48.1053, 10.7331

Deuteranomaly

47.2349, 48.4879, 11.0072

Tritanomaly

47.4446, 47.5538, 31.1043

Monochromacy



Original Color

43.4496, 48.3825, 10.7901

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.0484, 44.9008, 28.6935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4496, 48.3825, 10.7901 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(205, 186, 56)` looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 56)  
}
```

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(205, 186, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 56) }
```

Border

The CSS property to change the border of an element to XYZ 43.4496, 48.3825, 10.7901 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(205, 186, 56) }
```


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

```
.border{ border-color:rgb(205, 186, 56) }
```

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

Here you see how a box with a 4 pixel rgb(205, 186, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 186, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 186, 56);  
box-shadow:4px 4px 4px 4px rgb(205, 186,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4496, 48.3825, 10.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 56) }
```

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

```
.background{ background-color: rgb(205,  
186, 56) }
```

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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