

Converting Colors

XYZ(43.4539, 49.0645, 14.0183)

Have a look what the booklet for
XYZ(43.4539, 49.0645, 14.0183)
contains.

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Color

**XYZ(43.3751, 48.9057,
13.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BC4C
RGB	201, 188, 76
RGB Percent	79%, 74%, 30%
CMY	0.2118, 0.2627, 0.7019
CMYK	0.00, 0.06, 0.62, 0.21
HSL	54°, 54%, 54%
HSV	54°, 62%, 79%
XYZ	43.3751, 48.9057, 13.9911
YIQ	179.1190, 43.7000, -32.0760

Conversions

Conversions Part 2

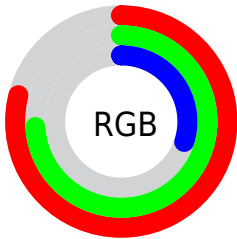
Format	Color
R _Y B	91, 201, 76
Decimal	13220940
CIE Lab	75.39, -8.98, 56.65
CIE LCh	75, 57.358, 99.011
Yxy	48.9057, 0.4082, 0.4602
Android (android.graphics.Color)	4291411020 (0xFFC9BC4C)
YUV	179.1190, -50.8377, 19.1896
Hunter-Lab	69.9326, -11.6690, 37.0909

Details

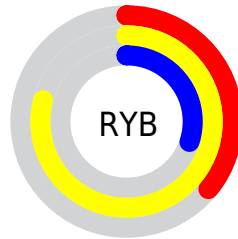
The XYZ color **43.3751, 48.9057, 13.9911** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **17.0955, 12.8980, 56.8466**, and the grayscale version is **43.1586, 45.4062, 49.4474**.

A 20% lighter version of the original color is **77.5531, 87.5463, 33.5795**, and **20.2748, 23.3009, 4.0012** is the 20% darker color. If you saturate the color by 10%, you get **42.3399, 47.7843, 10.7208**, and if you desaturate by 10%, it is **44.6374, 50.1319, 18.4151**.

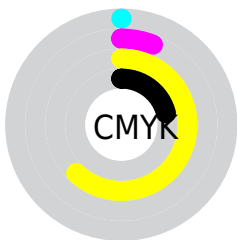
Distribution



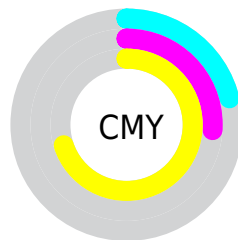
- Red (79%)
- Green (74%)
- Blue (30%)



- Red (36%)
- Yellow (79%)
- Blue (30%)



- Cyan (0%)
- Magenta (6%)
- Yellow (62%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3751, 48.9057, 13.9911 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 43.3751, 48.9057, 13.9911 by changing the saturation by 10% instead.

■ 43.3751, 48.9057,
13.9911

■ 43.3751, 48.9057,
13.9911

351.0475,
382.3710, 228.6020

■ 30.3753, 34.5447,
7.9758

■ 79.5288, 88.5514,
33.7901

■ 20.2731, 23.3124,
3.9919

■ 103.4134,
114.6048, 48.4109

■ 12.7032, 14.8243,
1.6209

■ 131.6570,
145.3246, 66.7373

■ 7.3000, 8.6962,
0.3057

■ 164.6250,
181.0949, 89.1879

■ 3.6984, 4.5435,
0.0000

■ 202.6827,
222.3004, 116.1810

■ 1.5330, 1.9820,
0.0000

246.1954,

■ 0.3481, 0.5970,

269.3253, 148.1354

0.0000

295.5286,
322.5540, 185.4695

■ 0.0000, 0.0000,
0.0000

■ 43.3751, 48.9057,
13.9911

■ 43.3751, 48.9057,
13.9911

■ 42.3399, 47.7843,
10.7208

■ 44.6374, 50.1319,
18.4151

■ 41.5071, 46.7524,
8.4898

■ 46.1416, 51.4634,
24.0866

■ 40.8527, 45.8021,
7.1662

■ 47.9056, 52.9093,
31.0933

■ 40.4296, 45.1021,
6.5747

■ 49.9442, 54.4754,
39.5142

■ 52.2714, 56.1675,
49.4222

■ 54.9000, 57.9908,
60.8850

■ 57.8422, 59.9500,
73.9662

■ 61.1093, 62.0499,
88.7259

■ 64.4044, 64.1716,
103.5996

Harmonies

Analogous

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



54.1419, 48.9057, 15.3193



43.3751, 48.9057, 13.9911



34.8380, 48.9057, 19.6412

Triad

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



43.3751, 48.9057, 13.9911



32.4242, 48.9057, 98.8816



68.1343, 48.9057, 76.9118

Complementary

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



43.3751, 48.9057, 13.9911



17.0955, 12.8980, 56.8466

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.



60.4716, 48.9057, 112.4182



43.3751, 48.9057, 13.9911



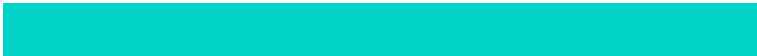
39.5835, 48.9057, 128.0832

Square

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



43.3751, 48.9057, 13.9911



29.1753, 48.9057, 62.8872



49.7368, 48.9057, 133.8040



69.5591, 48.9057, 44.6513

Rectangle

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



43.3751, 48.9057, 13.9911



31.1594, 48.9057, 28.5711



49.7368, 48.9057, 133.8040



66.1527, 48.9057, 89.1510

Sweetspot

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



43.3762, 48.9080, 13.9921



86.6217, 94.0914, 72.3395



28.5425, 18.3350, 11.8389



18.3043, 19.9644, 14.4874



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.



43.3762, 48.9080, 13.9921



71.9005, 81.1117, 16.6798



35.3440, 49.0754, 14.4478



11.4261, 12.2213, 11.3195



25.4603, 28.4377, 4.1471



1.2333, 1.4021, 0.2056

Inverse Universe

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



17.0955, 12.8980, 56.8466



23.2899, 14.5853, 96.1955



21.4276, 13.6654, 56.7664



10.1440, 10.4620, 13.4022



6.8287, 3.0514, 34.9734



0.3542, 0.2061, 1.6663

Previews

White Background



This preview shows how the XYZ color 43.3751, 48.9057, 13.9911 looks on a white background.

Color Contrast Check

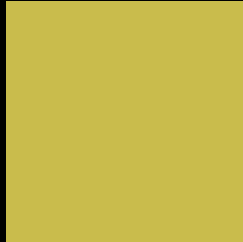
Large Text (above 18pt) WCAG AA × Fail

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 43.3751, 48.9057, 13.9911 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 43.3751, 48.9057, 13.9911

Background



This preview shows how black text looks on a background with the XYZ color 43.3751, 48.9057, 13.9911.



This preview shows how white text looks on a background with the XYZ color 43.3751, 48.9057,

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

43.3751, 48.9057, 13.9911

Protanopia

44.5610, 48.8912, 13.7449

Deuteranopia

49.7666, 48.8318, 14.1996



Tritanopia

51.6836, 48.6173, 55.3752

Trichromacy



Original Color

43.3751, 48.9057, 13.9911

Protanomaly

44.2172, 49.0278, 13.7894

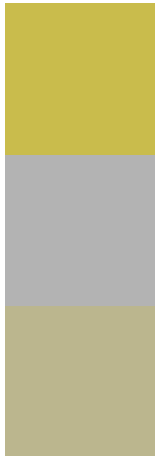
Deuteranomaly

47.1124, 48.6579, 14.1165

Tritanomaly

47.4782, 48.0778, 35.2114

Monochromacy



Original Color

43.3751, 48.9057, 13.9911

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.1040, 45.9737, 32.2459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3751, 48.9057, 13.9911 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(201, 188, 76)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 76)  
}
```

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(201, 188, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 76) }
```

Border

The CSS property to change the border of an element to XYZ 43.3751, 48.9057, 13.9911 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(201, 188, 76) }
```


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

```
.border{ border-color:rgb(201, 188, 76) }
```

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

Here you see how a box with a 4 pixel rgb(201, 188, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 76);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3751, 48.9057, 13.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 76) }
```

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

```
.background{ background-color: rgb(201,  
188, 76) }
```

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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