

Converting Colors

XYZ(43.0454, 46.6289, 10.8692)

Have a look what the booklet for
XYZ(43.0454, 46.6289, 10.8692)
contains.

XYZ(43.0454, 46.6289, 10.8692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0454, 46.6289,
10.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB53B
RGB	207, 181, 59
RGB Percent	81%, 71%, 23%
CMY	0.1882, 0.2902, 0.7686
CMYK	0.00, 0.13, 0.71, 0.19
HSL	49°, 61%, 52%
HSV	49°, 71%, 81%
XYZ	43.0454, 46.6289, 10.8692
YIQ	174.8660, 54.6580, -32.4300

Conversions

Conversions Part 2

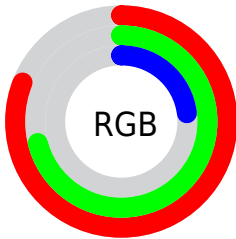
Format	Color
R _Y B	91, 207, 59
Decimal	13612347
CIE Lab	73.95, -3.75, 62.31
CIE LCh	74, 62.425, 93.445
Yxy	46.6289, 0.4281, 0.4638
Android (android.graphics.Color)	4291802427 (0xFFCFB53B)
YUV	174.8660, -57.1219, 28.1815
Hunter-Lab	68.2854, -6.9774, 38.3624

Details

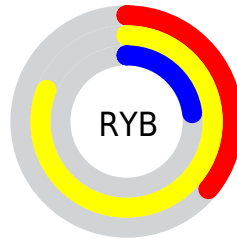
The XYZ color **43.0454, 46.6289, 10.8692** is a dark color, and the websafe version is hex **CC9933**, and the color name is **old gold**. The color can be described as middle muted orange. A complement of this color would be **16.3146, 11.9315, 60.4742**, and the grayscale version is **40.9457, 43.0781, 46.9121**.

A 20% lighter version of the original color is **74.5614, 83.0433, 28.0187**, and **20.2447, 22.0901, 3.1968** is the 20% darker color. If you saturate the color by 10%, you get **41.8820, 44.9978, 8.3376**, and if you desaturate by 10%, it is **44.4430, 48.3882, 14.5296**.

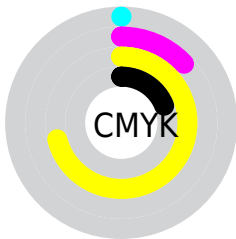
Distribution



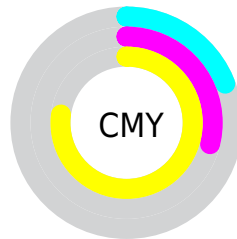
- Red (81%)
- Green (71%)
- Blue (23%)



- Red (36%)
- Yellow (81%)
- Blue (23%)



- Cyan (0%)
- Magenta (13%)
- Yellow (71%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0454, 46.6289, 10.8692 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 43.0454, 46.6289, 10.8692 by changing the saturation by 10% instead.

43.0454, 46.6289,
10.8692

43.0454, 46.6289,
10.8692

349.7168,
373.3313, 207.4731

30.1154, 32.7424,
5.8659

79.0347, 85.1594,
28.0510

20.0747, 21.9292,
2.6962

102.8246,
110.5722, 41.0665

12.5579, 13.8049,
0.9415

130.9653,
140.5959, 57.5899

7.1998, 7.9851,
0.0000

163.8221,
175.6148, 78.0397

3.6348, 4.0854,
0.0000

201.7602,
216.0135, 102.8343

1.4977, 1.7214,
0.0000

245.1452,

0.3242, 0.4375,

262.1762, 132.3924

0.0000

294.3422,
314.4873, 167.1325

■ 0.0000, 0.0000,
0.0000

■ 43.0454, 46.6289,
10.8692

■ 43.0454, 46.6289,
10.8692

■ 41.8820, 44.9978,
8.3376

■ 44.4430, 48.3882,
14.5296

■ 40.9227, 43.4772,
6.7905

■ 46.0943, 50.2782,
19.4346

■ 40.2274, 42.2561,
6.0360

■ 48.0200, 52.3093,
25.6883

■ 50.2379, 54.4889,
33.3836

■ 52.7642, 56.8235,
42.6047

■ 55.6138, 59.3195,
53.4296

■ 58.8006, 61.9826,
65.9308

■ 62.3376, 64.8182,
80.1765

■ 66.2373, 67.8315,
96.2310

Harmonies

Analogous

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



54.5947, 46.6289, 13.3064



43.0454, 46.6289, 10.8692



33.5373, 46.6289, 14.8730

Triad

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



43.0454, 46.6289, 10.8692



28.7495, 46.6289, 92.6094



66.3579, 46.6289, 83.4062

Complementary

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



43.0454, 46.6289, 10.8692



16.3146, 11.9315, 60.4742

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.



57.1953, 46.6289, 121.0309



43.0454, 46.6289, 10.8692



35.4217, 46.6289, 127.7249

Square

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



43.0454, 46.6289, 10.8692



26.2015, 46.6289, 54.5449



45.6182, 46.6289, 139.8476



69.3054, 46.6289, 47.1753

Rectangle

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



43.0454, 46.6289, 10.8692



29.2518, 46.6289, 22.3109



45.6182, 46.6289, 139.8476



63.8349, 46.6289, 96.7380

Sweetspot

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



43.0465, 46.6311, 10.8701



84.6682, 91.1634, 68.6701



28.9813, 17.0677, 10.5999



17.8686, 19.2830, 13.7562



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.



43.0465, 46.6311, 10.8701



66.2335, 70.7448, 11.8094



37.6262, 52.4286, 12.2748



12.6194, 13.4296, 12.5391



25.4074, 26.7478, 3.8237



1.4681, 1.5906, 0.2296

Inverse Universe

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



16.3146, 11.9315, 60.4742



21.2305, 12.5164, 95.9047



18.7549, 10.6895, 60.1058



11.3292, 11.7486, 14.9143



7.5491, 3.7448, 37.5174



0.4745, 0.3143, 2.1152

Previews

White Background



This preview shows how the XYZ color 43.0454, 46.6289, 10.8692 looks on a white background.

Color Contrast Check

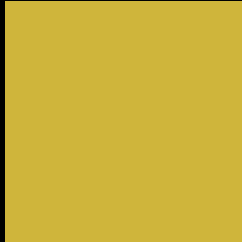
Large Text (above 18pt) WCAG AA × Fail

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 43.0454, 46.6289, 10.8692 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 43.0454, 46.6289, 10.8692

Background



This preview shows how black text looks on a background with the XYZ color 43.0454, 46.6289, 10.8692.



This preview shows how white text looks on a background with the XYZ color 43.0454, 46.6289,

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

43.0454, 46.6289, 10.8692

Protanopia

42.4192, 46.6090, 10.8984

Deuteranopia

47.4916, 46.5658, 11.0425



Tritanopia

51.2467, 46.5050, 50.5313

Trichromacy



Original Color

43.0454, 46.6289, 10.8692

Protanomaly

42.6942, 46.7508, 10.9113

Deuteranomaly

45.8828, 46.6032, 10.9919

Tritanomaly

46.8995, 45.8394, 30.0429

Monochromacy



Original Color

43.0454, 46.6289, 10.8692

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4493, 43.7025, 28.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0454, 46.6289, 10.8692 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(207, 181, 59)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 59)  
}
```

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(207, 181, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 59) }
```

Border

The CSS property to change the border of an element to XYZ 43.0454, 46.6289, 10.8692 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(207, 181, 59) }
```


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

```
.border{ border-color:rgb(207, 181, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 59);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0454, 46.6289, 10.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 59) }
```

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

```
.background{ background-color: rgb(207,  
181, 59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor