

Converting Colors

XYZ(43.1779, 47.8356, 8.2268)

Have a look what the booklet for
XYZ(43.1779, 47.8356, 8.2268)
contains.

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Color

**XYZ(43.3284, 48.0623,
8.2896)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFB91F |
| RGB | 207, 185, 31 |
| RGB Percent | 81%, 73%, 12% |
| CMY | 0.1882, 0.2745, 0.8784 |
| CMYK | 0.00, 0.11, 0.85, 0.19 |
| HSL | 53°, 74%, 47% |
| HSV | 53°, 85%, 81% |
| XYZ | 43.3284, 48.0623, 8.2896 |
| YIQ | 174.0220, 62.5460, -43.2300 |

Conversions

Conversions Part 2

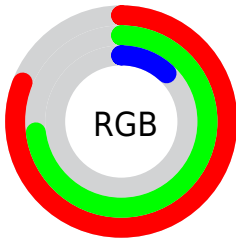
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 56, 207, 31 |
| Decimal | 13613343 |
| CIELab | 74.86, -6.84, 71.90 |
| CIELCh | 75, 72.222, 95.438 |
| Yxy | 48.0623, 0.4347, 0.4822 |
| Android (android.graphics.Color) | 4291803423 (0xFFCFB91F) |
| YUV | 174.0220, -70.5098, 28.9217 |
| Hunter-Lab | 69.3270, -9.7622, 41.4394 |

Details

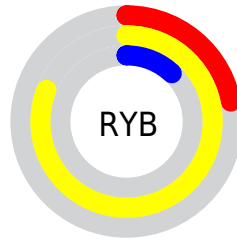
The XYZ color **43.3284, 48.0623, 8.2896** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **13.1009, 7.3427, 59.7577**, and the grayscale version is **40.5734, 42.6864, 46.4855**.

A 20% lighter version of the original color is **74.6711, 84.9609, 22.8194**, and **20.4640, 22.7984, 3.3220** is the 20% darker color. If you saturate the color by 10%, you get **42.6022, 46.9156, 7.1063**, and if you desaturate by 10%, it is **44.2415, 49.3032, 10.3991**.

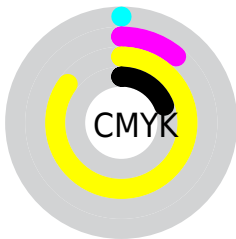
Distribution



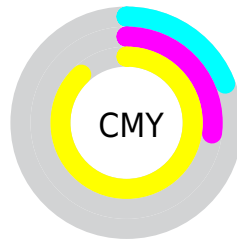
- Red (81%)
- Green (73%)
- Blue (12%)



- Red (22%)
- Yellow (81%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (85%)
- Black (19%)





- Cyan (19%)
- Magenta (27%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3284, 48.0623, 8.2896 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 43.3284, 48.0623, 8.2896 by changing the saturation by 10% instead.


 43.3284, 48.0623,
8.2896

 43.3284, 48.0623,
8.2896


350.8592,
379.0390, 188.0048


 30.3385, 33.8762,
4.1904


 79.4588, 87.2972,
23.0797


 20.2450, 22.7985,
1.7304


 103.3301,
113.1147, 34.6077


 12.6826, 14.4448,
0.3814


 131.5591,
143.5783, 49.4491

 7.2858, 8.4307,
0.0000

 164.5114,
179.0721, 68.0223

 3.6894, 4.3717,
0.0000

 202.5521,
219.9807, 90.7459

 1.5280, 1.8836,
0.0000

 246.0468,

 0.3447, 0.5385,

266.6885, 118.0385

0.0000

295.3607,
319.5798, 150.3186

■ 0.0000, 0.0000,
0.0000

■ 43.3284, 48.0623,
8.2896

■ 43.3284, 48.0623,
8.2896

■ 42.6022, 46.9156,
7.1063

■ 44.2415, 49.3032,
10.3991

■ 42.2824, 46.3662,
6.7211

■ 45.3673, 50.6432,
13.5849

■ 46.7308, 52.0942,
17.9732

■ 48.3525, 53.6645,
23.6721

■ 50.2508, 55.3614,
30.7776

■ 52.4422, 57.1918,
39.3769

■ 54.9420, 59.1618,
49.5499

■ 57.7642, 61.2770,
61.3708

■ 60.9223, 63.5430,
74.9094

Harmonies

Analogous

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



57.0122, 48.0623, 10.2483



43.3284, 48.0623, 8.2896



32.5398, 48.0623, 12.7397

Triad

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



43.3284, 48.0623, 8.2896



28.0307, 48.0623, 106.5130



72.7366, 48.0623, 88.5494

Complementary

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



43.3284, 48.0623, 8.2896



13.1009, 7.3427, 59.7577

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.



61.9572, 48.0623, 136.2192



43.3284, 48.0623, 8.2896



35.9618, 48.0623, 149.6150

Square

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



43.3284, 48.0623, 8.2896



24.8599, 48.0623, 59.4948



48.1189, 48.0623, 162.5043



75.7400, 48.0623, 45.7679

Rectangle

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



43.3284, 48.0623, 8.2896



27.8709, 48.0623, 21.0753



48.1189, 48.0623, 162.5043



69.8133, 48.0623, 105.0633

Sweetspot

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



43.3295, 48.0646, 8.2906



83.5663, 91.2682, 61.1857



26.8991, 14.5165, 4.9328



17.6160, 19.3118, 12.0262



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.



43.3295, 48.0646, 8.2906



67.6632, 74.1065, 10.7377



33.7960, 50.5166, 9.2663



12.6721, 13.5349, 12.5567



26.6878, 29.3086, 4.2505



1.5284, 1.7111, 0.2497

Inverse Universe

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



13.1009, 7.3427, 59.7577



18.5629, 8.2459, 95.2210



16.5280, 7.9472, 59.6938



11.2810, 11.6523, 14.8982



7.3646, 3.3759, 37.4559



0.4521, 0.2694, 2.1077

Previews

White Background



This preview shows how the XYZ color 43.3284, 48.0623, 8.2896 looks on a white background.

Color Contrast Check

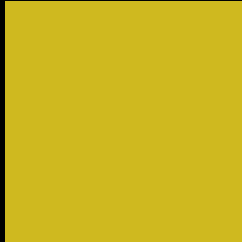
Large Text (above 18pt) WCAG AA × Fail

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 43.3284, 48.0623, 8.2896 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 43.3284, 48.0623, 8.2896

Background



This preview shows how black text looks on a background with the XYZ color 43.3284, 48.0623, 8.2896.



This preview shows how white text looks on a background with the XYZ color 43.3284, 48.0623,

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

43.3284, 48.0623, 8.2896

Protanopia

43.6087, 48.2067, 8.3027

Deuteranopia

48.9585, 47.9557, 8.5097



Tritanopia

52.5289, 47.9556, 52.9422

Trichromacy



Original Color

43.3284, 48.0623, 8.2896

Protanomaly

43.6087, 48.2067, 8.3027

Deuteranomaly

46.8549, 48.0495, 8.3951

Tritanomaly

47.4830, 47.3521, 27.7563

Monochromacy



Original Color

43.3284, 48.0623, 8.2896

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6829, 43.6850, 24.7529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3284, 48.0623, 8.2896 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, 185, 31)` looks like.

```
.text, #text, p{  
    color:rgb(207, 185, 31)  
}
```

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, 185, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 185, 31) }
```

Border

The CSS property to change the border of an element to XYZ 43.3284, 48.0623, 8.2896 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, 185, 31) }
```


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

```
.border{ border-color:rgb(207, 185, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 185, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 185, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 185, 31);  
box-shadow:4px 4px 4px 4px rgb(207, 185,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3284, 48.0623, 8.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 185, 31) }
```

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

```
.background{ background-color: rgb(207,  
185, 31) }
```

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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