

Converting Colors

XYZ(43.3140, 33.6962, 8.4853)

Have a look what the booklet for
XYZ(43.3140, 33.6962, 8.4853)
contains.

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Color

**XYZ(43.4598, 33.7691,
8.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	ED803C
RGB	237, 128, 60
RGB Percent	93%, 50%, 24%
CMY	0.0706, 0.4980, 0.7647
CMYK	0.00, 0.46, 0.75, 0.07
HSL	23°, 83%, 58%
HSV	23°, 75%, 93%
XYZ	43.4598, 33.7691, 8.5025
YIQ	152.8390, 86.7920, 1.9600

Conversions

Conversions Part 2

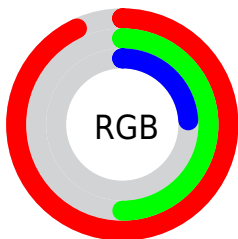
Format	Color
R_{YB}	237, 170, 60
Decimal	15564860
CIE _{Lab}	64.78, 37.02, 53.79
CIE _{LCh}	65, 65.294, 55.466
Yxy	33.7691, 0.5069, 0.3939
Android (android.graphics.Color)	4293754940 (0xFFED803C)
YUV	152.8390, -45.7696, 73.8092
Hunter-Lab	58.1112, 31.8008, 32.0029

Details

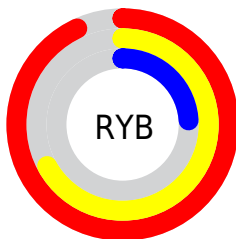
The XYZ color **43.4598, 33.7691, 8.5025** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **31.3364, 35.4488, 85.3108**, and the grayscale version is **30.3756, 31.9575, 34.8017**.

A 20% lighter version of the original color is **60.8372, 55.8636, 22.6152**, and **20.3550, 14.4305, 1.8274** is the 20% darker color. If you saturate the color by 10%, you get **41.1992, 30.0363, 5.3195**, and if you desaturate by 10%, it is **46.2761, 38.1653, 13.2541**.

Distribution



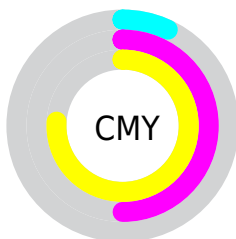
- Red (93%)
- Green (50%)
- Blue (24%)



- Red (93%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (46%)
- Yellow (75%)
- Black (7%)




- Cyan (7%)
- Magenta (50%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4598, 33.7691, 8.5025 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 43.4598, 33.7691, 8.5025 by changing the saturation by 10% instead.


 43.4598, 33.7691,
8.5025


 43.4598, 33.7691,
8.5025

351.3888,
319.1012, 189.7013


 30.4421, 22.7163,
4.3258


 79.6557, 65.5744,
23.5000


 20.3242, 14.3841,
1.8057


 103.5645, 87.0957,
35.1579

 12.7405, 8.3883,
0.4317


 131.8346,
112.8753, 50.1467

 7.3259, 4.3444,
0.0000

 164.8310,
143.2976, 68.8847

 3.7149, 1.8680,
0.0000

 202.9194,
178.7469, 91.7907

 1.5421, 0.5291,
0.0000

 246.4649,

 0.3542, 0.0000,

219.6077, 119.2831

0.0000

295.8329,
266.2643, 151.7804

■ 0.0000, 0.0000,
0.0000

■ 43.4598, 33.7691,
8.5025

■ 43.4598, 33.7691,
8.5025

■ 41.1992, 30.0363,
5.3195

■ 46.2761, 38.1653,
13.2541

■ 39.4396, 26.9219,
3.4852


■ 49.6899, 43.2545,
19.7511


■ 38.6709, 25.4966,
2.8832


■ 53.7409, 49.0708,
28.1482

■ 58.4643, 55.6439,
38.5822

■ 63.8925, 63.0017,
51.1772

 70.0556, 71.1707,
66.0474

 76.9816, 80.1758,
83.2989

 84.6974, 90.0409,
103.0309

 88.7348, 96.7444,
108.6045

Harmonies

Analogous

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



51.3150, 33.7691, 18.7145



43.4598, 33.7691, 8.5025



33.5453, 33.7691, 5.5565

Triad

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



43.4598, 33.7691, 8.5025



17.2514, 33.7691, 32.8301



40.5033, 33.7691, 106.0086

Complementary

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



43.4598, 33.7691, 8.5025



31.3364, 35.4488, 85.3108

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.



30.6900, 33.7691, 116.1668



43.4598, 33.7691, 8.5025



18.3983, 33.7691, 63.7874

Square

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



43.4598, 33.7691, 8.5025



19.4011, 33.7691, 14.5536



22.9097, 33.7691, 97.9407



49.3878, 33.7691, 74.5672

Rectangle

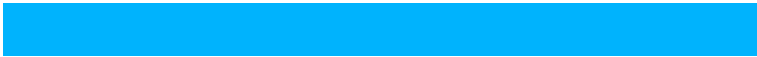
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4598, 33.7691, 8.5025



27.5182, 33.7691, 6.0561



22.9097, 33.7691, 97.9407



37.1564, 33.7691, 112.5223

Sweetspot

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



43.4606, 33.7709, 8.5031



77.2499, 76.8042, 64.7252



43.7163, 24.1066, 39.9591



16.1299, 15.8985, 12.8908



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.



43.4606, 33.7709, 8.5031



47.4019, 33.2944, 4.8763



60.3859, 67.6217, 14.1449



15.5399, 16.0029, 15.7885



21.2307, 14.1556, 1.6133



1.7577, 1.2927, 0.1569

Inverse Universe

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



31.3364, 35.4488, 85.3108



32.2495, 35.0055, 99.6647



20.0662, 12.9084, 81.5541



15.0035, 16.0935, 19.2378



14.0834, 14.8138, 45.8600



1.1985, 1.3485, 3.6320

Previews

White Background



This preview shows how the XYZ color 43.4598, 33.7691, 8.5025 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 43.4598, 33.7691, 8.5025 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 43.4598, 33.7691, 8.5025

Background



This preview shows how black text looks on a background with the XYZ color 43.4598, 33.7691, 8.5025.



This preview shows how white text looks on a background with the XYZ color 43.4598, 33.7691,

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

43.4598, 33.7691, 8.5025

Protanopia

30.9802, 33.9974, 10.5595

Deuteranopia

34.5982, 33.9494, 8.2194



Tritanopia

47.0754, 33.9605, 24.8428

Trichromacy



Original Color

43.4598, 33.7691, 8.5025

Protanomaly

34.7058, 33.2666, 9.7461

Deuteranomaly

37.5382, 33.6286, 8.2539

Tritanomaly

45.6415, 33.9400, 17.2422

Monochromacy



Original Color

43.4598, 33.7691, 8.5025

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.0702, 31.4688, 21.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4598, 33.7691, 8.5025 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(237, 128, 60)` looks like.

```
.text, #text, p{  
    color:rgb(237, 128, 60)  
}
```

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(237, 128, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 128, 60) }
```

Border

The CSS property to change the border of an element to XYZ 43.4598, 33.7691, 8.5025 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(237, 128, 60) }
```


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

```
.border{ border-color:rgb(237, 128, 60) }
```

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

Here you see how a box with a 4 pixel rgb(237, 128, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 128, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 128, 60);  
box-shadow:4px 4px 4px 4px rgb(237, 128,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4598, 33.7691, 8.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 128, 60) }
```

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

```
.background{ background-color: rgb(237,  
128, 60) }
```

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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