

Converting Colors

XYZ(43.8959, 34.0836, 8.1715)

Have a look what the booklet for
XYZ(43.8959, 34.0836, 8.1715)
contains.

XYZ(43.7176, 33.9109, 8.1122)	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(43.7176, 33.9109,
8.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8039
RGB	238, 128, 57
RGB Percent	93%, 50%, 22%
CMY	0.0667, 0.4980, 0.7765
CMYK	0.00, 0.46, 0.76, 0.07
HSL	24°, 84%, 58%
HSV	24°, 76%, 93%
XYZ	43.7176, 33.9109, 8.1122
YIQ	152.7960, 88.3510, 1.2390

Conversions

Conversions Part 2

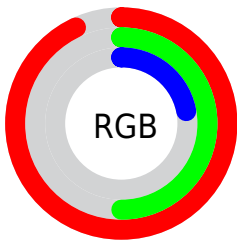
Format	Color
R_{YB}	238, 174, 57
Decimal	15630393
CIE Lab	64.89, 37.29, 55.31
CIE LCh	65, 66.707, 56.014
Yxy	33.9109, 0.5099, 0.3955
Android (android.graphics.Color)	4293820473 (0xFFEE8039)
YUV	152.7960, -47.2274, 74.7239
Hunter-Lab	58.2331, 32.0983, 32.5037

Details

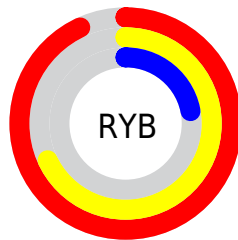
The XYZ color **43.7176, 33.9109, 8.1122** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **30.9376, 34.6783, 85.9514**, and the grayscale version is **30.3625, 31.9437, 34.7867**.

A 20% lighter version of the original color is **60.6747, 55.7986, 21.7597**, and **20.5584, 14.5379, 1.7225** is the 20% darker color. If you saturate the color by 10%, you get **41.5030, 30.2200, 5.0993**, and if you desaturate by 10%, it is **46.4806, 38.2545, 12.6798**.

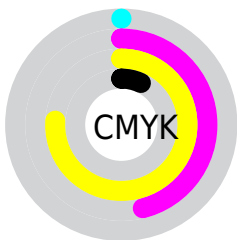
Distribution



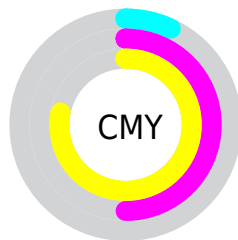
- Red (93%)
- Green (50%)
- Blue (22%)



- Red (93%)
- Yellow (68%)
- Blue (22%)



- Cyan (0%)
- Magenta (46%)
- Yellow (76%)
- Black (7%)





- Cyan (7%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7176, 33.9109, 8.1122 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 43.7176, 33.9109, 8.1122 by changing the saturation by 10% instead.


 43.7176, 33.9109,
8.1122


 43.7176, 33.9109,
8.1122


352.4263,
319.7346, 186.5768


 30.6455, 22.8252,
4.0780


 80.0416, 65.7951,
22.7279

 20.4796, 14.4645,
1.6682


 104.0243, 87.3623,
34.1465

 12.8544, 8.4444,
0.3388


 132.3745,
113.1922, 48.8637

 7.4047, 4.3806,
0.0000

 165.4576,
143.6691, 67.2979

 3.7650, 1.8887,
0.0000

 203.6390,
179.1773, 89.8678

 1.5701, 0.5416,
0.0000

 247.2840,

 0.3728, 0.0000,

220.1014, 116.9919

0.0000

296.7580,
266.8257, 149.0887

■ 0.0000, 0.0000,
0.0000

■ 43.7176, 33.9109,
8.1122

■ 43.7176, 33.9109,
8.1122

■ 41.5030, 30.2200,
5.0993

■ 46.4806, 38.2545,
12.6798

■ 39.7807, 27.1366,
3.4112


■ 49.8348, 43.2803,
18.9850


■ 39.2063, 26.0703,
2.9657

■ 53.8205, 49.0222,
27.1867


■ 58.4732, 55.5096,
37.4252

■ 63.8256, 62.7702,
49.8272

 69.9080, 70.8302,
64.5093

 76.7488, 79.7143,
81.5795

 84.3747, 89.4461,
101.1389

 89.0697, 96.9170,
108.6201

Harmonies

Analogous

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



51.8786, 33.9109, 18.2202



43.7176, 33.9109, 8.1122



33.5345, 33.9109, 5.2779

Triad

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



43.7176, 33.9109, 8.1122



17.0748, 33.9109, 33.3613



41.0447, 33.9109, 107.9344

Complementary

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



43.7176, 33.9109, 8.1122



30.9376, 34.6783, 85.9514

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.



30.9623, 33.9109, 119.0043



43.7176, 33.9109, 8.1122



18.3008, 33.9109, 65.3752

Square

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



43.7176, 33.9109, 8.1122



19.1969, 33.9109, 14.5199



22.9568, 33.9109, 100.5786



50.1324, 33.9109, 75.1628

Rectangle

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



43.7176, 33.9109, 8.1122



27.3925, 33.9109, 5.8226



22.9568, 33.9109, 100.5786



37.6088, 33.9109, 114.8475

Sweetspot

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



43.7184, 33.9127, 8.1128



76.6688, 76.1117, 63.0838



43.8484, 23.9537, 39.6604



15.8841, 15.5877, 12.2510



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.



43.7184, 33.9127, 8.1128



47.4096, 33.3525, 4.7469



60.7809, 68.0378, 13.8003



16.2814, 16.7760, 16.5297



21.9905, 14.7791, 1.6936



1.9235, 1.4178, 0.1723

Inverse Universe

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



30.9376, 34.6783, 85.9514



31.6717, 33.9406, 99.4897



19.8528, 12.5086, 82.2564



15.6967, 16.8274, 20.1423



14.3571, 14.9384, 47.2546



1.2909, 1.4358, 3.9633

Previews

White Background



This preview shows how the XYZ color 43.7176, 33.9109, 8.1122 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 43.7176, 33.9109, 8.1122 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 43.7176, 33.9109, 8.1122

Background



This preview shows how black text looks on a background with the XYZ color 43.7176, 33.9109, 8.1122.



This preview shows how white text looks on a background with the XYZ color 43.7176, 33.9109,

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

43.7176, 33.9109, 8.1122

Protanopia

31.0855, 34.0655, 9.9379

Deuteranopia

34.7708, 34.0487, 7.7571



Tritanopia

47.2969, 33.8952, 24.8185

Trichromacy



Original Color

43.7176, 33.9109, 8.1122

Protanomaly

34.8564, 33.3574, 9.1589

Deuteranomaly

37.7562, 33.7492, 7.8924

Tritanomaly

45.8068, 33.8460, 16.9506

Monochromacy



Original Color

43.7176, 33.9109, 8.1122

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.0104, 31.4449, 21.4692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7176, 33.9109, 8.1122 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(238, 128, 57)` looks like.

```
.text, #text, p{  
    color:rgb(238, 128, 57)  
}
```

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(238, 128, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 128, 57) }
```

Border

The CSS property to change the border of an element to XYZ 43.7176, 33.9109, 8.1122 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(238, 128, 57) }
```


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

```
.border{ border-color:rgb(238, 128, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 128, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 128, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 128, 57);  
box-shadow:4px 4px 4px 4px rgb(238, 128,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7176, 33.9109, 8.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 128, 57) }
```

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

```
.background{ background-color: rgb(238,  
128, 57) }
```

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