

Converting Colors

XYZ(43.1766, 34.2912, 5.0527)

Have a look what the booklet for
XYZ(43.1766, 34.2912, 5.0527)
contains.

XYZ(43.1767, 34.2913, 5.0527)	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>	30

Color

**XYZ(43.1767, 34.2913,
5.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8315
RGB	237, 131, 21
RGB Percent	93%, 51%, 8%
CMY	0.0706, 0.4862, 0.9176
CMYK	0.00, 0.45, 0.91, 0.07
HSL	31°, 86%, 51%
HSV	31°, 91%, 93%
XYZ	43.1767, 34.2913, 5.0527
YIQ	150.1540, 98.4860, -11.7380

Conversions

Conversions Part 2

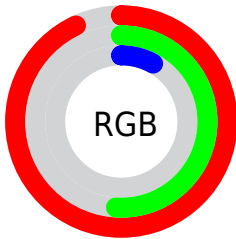
Format	Color
R _Y B	229, 237, 21
Decimal	15565589
CIE Lab	65.19, 34.39, 68.12
CIE LCh	65, 76.307, 63.211
Yxy	34.2913, 0.5232, 0.4155
Android (android.graphics.Color)	4293755669 (0xFFED8315)
YUV	150.1540, -63.6729, 76.1639
Hunter-Lab	58.5588, 29.1342, 35.8753

Details

The XYZ color **43.1767, 34.2913, 5.0527** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **23.1844, 21.4520, 83.0387**, and the grayscale version is **29.2889, 30.8142, 33.5567**.

A 20% lighter version of the original color is **60.0742, 56.5520, 15.5340**, and **20.3242, 14.7360, 1.7731** is the 20% darker color. If you saturate the color by 10%, you get **41.7256, 31.6062, 3.9014**, and if you desaturate by 10%, it is **45.1609, 37.7278, 7.3550**.

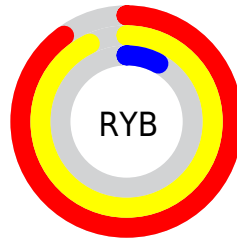
Distribution



Red (93%)

Green (51%)

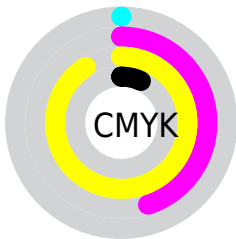
Blue (8%)



Red (90%)

Yellow (93%)

Blue (8%)

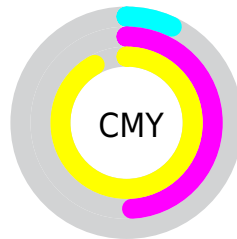


Cyan (0%)

Magenta (45%)

Yellow (91%)

Black (7%)



Cyan (7%)


Magenta (49%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1767, 34.2913, 5.0527 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 43.1767, 34.2913, 5.0527 by changing the saturation by 10% instead.


 43.1767, 34.2913,
5.0527


 43.1767, 34.2913,
5.0527


350.2472,
321.4290, 159.2922


 30.2189, 23.1175,
2.2189


 79.2315, 66.3864,
16.3728


 20.1537, 14.6803,
0.6853


 103.0592, 88.0765,
25.6963


 12.6157, 8.5953,
0.0000


 131.2409,
114.0408, 38.0200

 7.2396, 4.4782,
0.0000

 164.1420,
144.6636, 53.7626

 3.6601, 1.9445,
0.0000

 202.1278,
180.3295, 73.3425

 1.5117, 0.5749,
0.0000

 245.5637,

 0.3338, 0.0000,

221.4228, 97.1784

0.0000

294.8150,
268.3278, 125.6888

0.0000, 0.0000,
0.0000

43.1767, 34.2913,
5.0527

43.1767, 34.2913,
5.0527

41.7256, 31.6062,
3.9014

45.1609, 37.7278,
7.3550

47.5804, 41.6263,
11.0609

50.4787, 46.0141,
16.3706

53.8923, 50.9138,
23.4507

57.8534, 56.3462,
32.4470

■ 62.3911, 62.3303,
43.4896

■ 67.5322, 68.8840,
56.6973

■ 73.3015, 76.0244,
72.1798

■ 79.7225, 83.7676,
90.0390

Harmonies

Analogous

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



53.8817, 34.2913, 12.8856



43.1767, 34.2913, 5.0527



31.4130, 34.2913, 3.5347

Triad

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



43.1767, 34.2913, 5.0527



15.6044, 34.2913, 40.8635



45.7203, 34.2913, 115.2604

Complementary

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



43.1767, 34.2913, 5.0527



23.1844, 21.4520, 83.0387

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.



33.8019, 34.2913, 137.4958



43.1767, 34.2913, 5.0527



17.8118, 34.2913, 81.7592

Square

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



43.1767, 34.2913, 5.0527



17.0253, 34.2913, 16.0258



23.8975, 34.2913, 122.6655



55.5689, 34.2913, 72.1702

Rectangle

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



43.1767, 34.2913, 5.0527



24.8917, 34.2913, 4.6399



23.8975, 34.2913, 122.6655



41.7382, 34.2913, 126.2596

Sweetspot

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



43.1775, 34.2931, 5.0533



76.0319, 76.6376, 57.3232



39.1556, 20.1260, 22.5908



15.8429, 15.8492, 11.1769



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.



43.1775, 34.2931, 5.0533



49.2049, 37.1899, 4.5850



65.3441, 78.6263, 12.4422



15.6997, 16.3223, 15.8418



22.9128, 17.5198, 2.1740



1.8955, 1.5683, 0.2028

Inverse Universe

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



23.1844, 21.4520, 83.0387



25.4005, 21.9209, 97.5002



15.8636, 6.8104, 80.5985



14.8415, 15.7695, 19.1838



11.9051, 10.4571, 45.1339



1.0309, 1.0133, 3.5761

Previews

White Background



This preview shows how the XYZ color 43.1767, 34.2913, 5.0527 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 43.1767, 34.2913, 5.0527 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 43.1767, 34.2913, 5.0527

Background



This preview shows how black text looks on a background with the XYZ color 43.1767, 34.2913, 5.0527.



This preview shows how white text looks on a background with the XYZ color 43.1767, 34.2913,

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

43.1767, 34.2913, 5.0527

Protanopia

31.2103, 34.4687, 6.1706

Tritanopia

47.3319, 34.2585, 25.5906

Trichromacy



Original Color

43.1767, 34.2913, 5.0527

Protanomaly

34.7533, 33.8488, 5.6791

Tritanomaly

45.1571, 33.9478, 14.0701

Monochromacy



Original Color

43.1767, 34.2913, 5.0527

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.5620, 30.5693, 17.0689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1767, 34.2913, 5.0527 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, 131, 21)` looks like.

```
.text, #text, p{  
    color:rgb(237, 131, 21)  
}
```

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, 131, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 131, 21) }
```

Border

The CSS property to change the border of an element to XYZ 43.1767, 34.2913, 5.0527 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, 131, 21) }
```

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

```
.border{ border-color:rgb(237, 131, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 131, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 131, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 131, 21);  
box-shadow:4px 4px 4px 4px rgb(237, 131,  
21) }
```


Background

The CSS property to change the background color of an element to XYZ 43.1767, 34.2913, 5.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 131, 21) }
```

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

```
.background{ background-color: rgb(237,  
131, 21) }
```

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