

Converting Colors

XYZ(43.9525, 34.2146, 8.7024)

Have a look what the booklet for
XYZ(43.9525, 34.2146, 8.7024)
contains.

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Color

**XYZ(43.9525, 34.2146,
8.7024)**

Conversions

Conversions Part 1

Format	Color
Hex	EE813D
RGB	238, 129, 61
RGB Percent	93%, 51%, 24%
CMY	0.0667, 0.4941, 0.7608
CMYK	0.00, 0.46, 0.74, 0.07
HSL	23°, 84%, 59%
HSV	23°, 74%, 93%
XYZ	43.9525, 34.2146, 8.7024
YIQ	153.8390, 86.7920, 1.9600

Conversions

Conversions Part 2

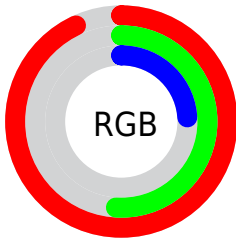
Format	Color
R _Y B	238, 171, 61
Decimal	15630653
CIE Lab	65.13, 36.94, 53.73
CIE LCh	65, 65.207, 55.492
Yxy	34.2146, 0.5060, 0.3939
Android (android.graphics.Color)	4293820733 (0xFFEE813D)
YUV	153.8390, -45.7696, 73.8092
Hunter-Lab	58.4932, 31.7638, 32.1243

Details

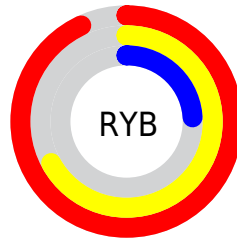
The XYZ color **43.9525, 34.2146, 8.7024** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **31.7307, 35.9124, 86.1479**, and the grayscale version is **30.8133, 32.4180, 35.3032**.

A 20% lighter version of the original color is **61.0981, 56.2968, 22.9754**, and **20.6563, 14.6898, 1.8903** is the 20% darker color. If you saturate the color by 10%, you get **41.6539, 30.4260, 5.4444**, and if you desaturate by 10%, it is **46.8138, 38.6743, 13.5507**.

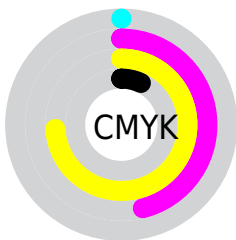
Distribution



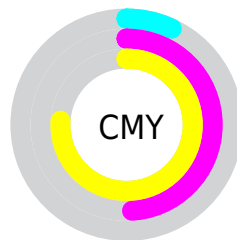
- Red (93%)
- Green (51%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (74%)
- Black (7%)





- Cyan (7%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9525, 34.2146, 8.7024 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 43.9525, 34.2146, 8.7024 by changing the saturation by 10% instead.


 43.9525, 34.2146,
8.7024


 43.9525, 34.2146,
8.7024


353.3699,
321.0879, 191.2776

 30.8309, 23.0585,
4.4534


 80.3931, 66.2673,
23.8929

 20.6213, 14.6367,
1.8772


 104.4427, 87.9326,
35.6714


 12.9584, 8.5648,
0.4782

 132.8658,
113.8698, 50.7969

 7.4767, 4.4584,
0.0000

 166.0277,
144.4633, 69.6879

 3.8109, 1.9332,
0.0000

 204.2937,
180.0975, 92.7630

 1.5957, 0.5682,
0.0000

 248.0291,

 0.3896, 0.0000,

221.1567, 120.4406

0.0000

297.5994,
268.0254, 153.1393

■ 0.0000, 0.0000,
0.0000

■ 43.9525, 34.2146,
8.7024

■ 43.9525, 34.2146,
8.7024

■ 41.6539, 30.4260,
5.4444

■ 46.8138, 38.6743,
13.5507

■ 39.8630, 27.2633,
3.5558


■ 50.2799, 43.8351,
20.1669


■ 39.0388, 25.7352,
2.9098


■ 54.3907, 49.7312,
28.7066


■ 59.1818, 56.3926,
39.3078

■ 64.6856, 63.8475,
52.0954

 70.9326, 72.1225,
67.1846

 77.9512, 81.2428,
84.6821

 85.7682, 91.2325,
104.6882

 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.



51.8587, 34.2146, 19.0294



43.9525, 34.2146, 8.7024



33.9708, 34.2146, 5.7140

Triad

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



43.9525, 34.2146, 8.7024



17.5473, 34.2146, 33.3073



40.9942, 34.2146, 106.8419

Complementary

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



43.9525, 34.2146, 8.7024



31.7307, 35.9124, 86.1479

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.



31.1110, 34.2146, 117.0644



43.9525, 34.2146, 8.7024



18.7085, 34.2146, 64.4752

Square

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



43.9525, 34.2146, 8.7024



19.7150, 34.2146, 14.8476



23.2646, 34.2146, 98.7875



49.9315, 34.2146, 75.2488

Rectangle

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



43.9525, 34.2146, 8.7024



27.8990, 34.2146, 6.2247



23.2646, 34.2146, 98.7875



37.6249, 34.2146, 113.3885

Sweetspot

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



43.9533, 34.2164, 8.7030



77.2499, 76.8042, 64.7252



44.1985, 24.4227, 40.4894



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.



43.9533, 34.2164, 8.7030



47.6092, 33.6622, 5.0899



61.0051, 68.3202, 14.3870



16.2707, 16.7545, 16.5261



21.8957, 14.5895, 1.6620



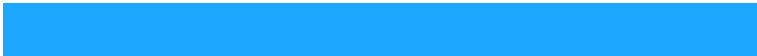
1.9150, 1.4006, 0.1694

Inverse Universe

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



31.7307, 35.9124, 86.1479



32.4964, 35.3998, 99.7278



20.3482, 13.1474, 82.3537



15.7077, 16.8496, 20.1460



14.5214, 15.2671, 47.3094



1.3040, 1.4620, 3.9677

Previews

White Background



This preview shows how the XYZ color 43.9525, 34.2146, 8.7024 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 43.9525, 34.2146, 8.7024 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 43.9525, 34.2146, 8.7024

Background



This preview shows how black text looks on a background with the XYZ color 43.9525, 34.2146, 8.7024.



This preview shows how white text looks on a background with the XYZ color 43.9525, 34.2146,

8.7024.

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

43.9525, 34.2146, 8.7024

Protanopia

31.4081, 34.4686, 10.7921

Deuteranopia

35.0449, 34.4148, 8.4101



Tritanopia

47.6067, 34.4080, 25.2514

Trichromacy



Original Color

43.9525, 34.2146, 8.7024

Protanomaly

35.1562, 33.7272, 9.9673

Deuteranomaly

38.0016, 34.0865, 8.4473

Tritanomaly

46.1590, 34.3879, 17.5693

Monochromacy



Original Color

43.9525, 34.2146, 8.7024

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.5231, 31.9212, 22.1638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9525, 34.2146, 8.7024 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, 129, 61)` looks like.

```
.text, #text, p{  
    color:rgb(238, 129, 61)  
}
```

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, 129, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 129, 61) }
```

Border

The CSS property to change the border of an element to XYZ 43.9525, 34.2146, 8.7024 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, 129, 61) }
```


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

```
.border{ border-color:rgb(238, 129, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 129, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 129, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 129, 61);  
box-shadow:4px 4px 4px 4px rgb(238, 129,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9525, 34.2146, 8.7024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 129, 61) }
```

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

```
.background{ background-color: rgb(238,  
129, 61) }
```

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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