

Converting Colors

XYZ(43.3155, 35.6926, 4.8649)

Have a look what the booklet for
XYZ(43.3155, 35.6926, 4.8649)
contains.

XYZ(43.2559, 35.5732, 4.8449)	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(43.2559, 35.5732,
4.8449)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8909
RGB	235, 137, 9
RGB Percent	92%, 54%, 4%
CMY	0.0784, 0.4627, 0.9647
CMYK	0.00, 0.42, 0.96, 0.08
HSL	34°, 93%, 48%
HSV	34°, 96%, 92%
XYZ	43.2559, 35.5732, 4.8449
YIQ	151.7100, 99.4960, -19.0320

Conversions

Conversions Part 2

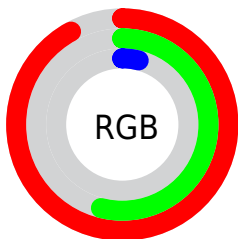
Format	Color
RYB	182, 235, 9
Decimal	15436041
CIELab	66.19, 30.32, 70.84
CIELCh	66, 77.055, 66.830
Yxy	35.5732, 0.5170, 0.4251
Android (android.graphics.Color)	4293626121 (0xFFEB8909)
YUV	151.7100, -70.3560, 73.0453
Hunter-Lab	59.6433, 25.0802, 36.9341

Details

The XYZ color **43.2559, 35.5732, 4.8449** 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 **20.3660, 16.5721, 80.7219**, and the grayscale version is **29.9850, 31.5466, 34.3542**.

A 20% lighter version of the original color is **61.1753, 59.0434, 15.0097**, and **20.3410, 15.4262, 1.9055** is the 20% darker color. If you saturate the color by 10%, you get **42.6619, 34.4645, 4.4038**, and if you desaturate by 10%, it is **44.9927, 38.6978, 6.5012**.

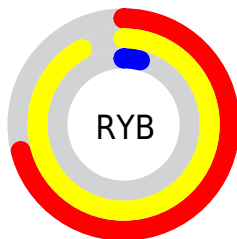
Distribution



Red (92%)

Green (54%)

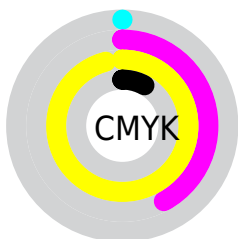
Blue (4%)



Red (71%)

Yellow (92%)

Blue (4%)

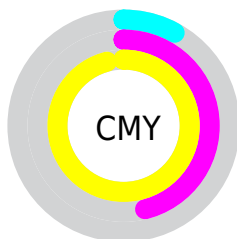


Cyan (0%)

Magenta (42%)

Yellow (96%)

Black (8%)



Cyan (8%)


Magenta (46%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2559, 35.5732, 4.8449 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 43.2559, 35.5732, 4.8449 by changing the saturation by 10% instead.


 43.2559, 35.5732,
4.8449


 43.2559, 35.5732,
4.8449


350.5668,
327.0912, 157.1985


 30.2813, 24.1048,
2.0994


 79.3502, 68.3728,
15.9157

 20.2014, 15.4113,
0.6154


 103.2006, 90.4727,
25.0781

 12.6506, 9.1086,
0.0000


 131.4071,
116.8853, 37.2166

 7.2637, 4.8121,
0.0000

 164.3349,
147.9949, 52.7496

 3.6754, 2.1374,
0.0000

 202.3494,
184.1859, 72.0958

 1.5202, 0.6856,
0.0000

 245.8160,

 0.3395, 0.0000,

225.8427, 95.6737

0.0000

295.1000,
273.3496, 123.9017

0.0000, 0.0000,
0.0000

43.2559, 35.5732,
4.8449

43.2559, 35.5732,
4.8449

42.6619, 34.4645,
4.4038

44.9927, 38.6978,
6.5012

47.0972, 42.1927,
9.4044

49.6152, 46.0832,
13.7747

52.5833, 50.3895,
19.7892

56.0335, 55.1294,
27.5993

■ 59.9940, 60.3195,
37.3390

■ 64.4909, 65.9748,
49.1295

■ 69.5479, 72.1098,
63.0820

■ 75.1873, 78.7380,
79.2995

Harmonies

Analogous

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



54.7226, 35.5732, 11.8624



43.2559, 35.5732, 4.8449



31.2550, 35.5732, 3.7729

Triad

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



43.2559, 35.5732, 4.8449



16.2961, 35.5732, 46.7430



48.8350, 35.5732, 114.5105

Complementary

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



43.2559, 35.5732, 4.8449



20.3660, 16.5721, 80.7219

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.



36.5032, 35.5732, 141.4332



43.2559, 35.5732, 4.8449



19.0484, 35.5732, 90.2936

Square

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



43.2559, 35.5732, 4.8449



17.3143, 35.5732, 18.8122



25.8524, 35.5732, 130.6952



58.4193, 35.5732, 69.2918

Rectangle

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



43.2559, 35.5732, 4.8449



24.7994, 35.5732, 5.2840



25.8524, 35.5732, 130.6952



44.7780, 35.5732, 126.8968

Sweetspot

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



43.2567, 35.5751, 4.8455



75.9557, 77.3385, 54.6675



37.2115, 18.9988, 16.6598



15.7620, 15.9299, 10.4024



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.



43.2567, 35.5751, 4.8455



51.2783, 41.3365, 5.2761



60.4049, 75.2352, 11.5969



15.7735, 16.4700, 15.8664



23.8728, 19.4399, 2.4940



1.9699, 1.7172, 0.2276

Inverse Universe

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



20.3660, 16.5721, 80.7219



23.6878, 18.4956, 96.9293



15.3879, 6.3457, 79.0104



14.7684, 15.6233, 19.1595



11.1061, 8.8592, 44.8676



0.9661, 0.8837, 3.5545

Previews

White Background



This preview shows how the XYZ color 43.2559, 35.5732, 4.8449 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 43.2559, 35.5732, 4.8449 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 43.2559, 35.5732, 4.8449

Background



This preview shows how black text looks on a background with the XYZ color 43.2559, 35.5732, 4.8449.



This preview shows how white text looks on a background with the XYZ color 43.2559, 35.5732,

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

43.2559, 35.5732, 4.8449

Protanopia

32.3380, 35.8363, 5.8745

Deuteranopia

36.2931, 35.6198, 4.9625



Tritanopia

48.0399, 35.5102, 27.9891

Trichromacy



Original Color

43.2559, 35.5732, 4.8449

Protanomaly

35.5722, 35.2374, 5.4169

Deuteranomaly

38.4745, 35.3211, 4.8760

Tritanomaly

45.2217, 35.1479, 14.0736

Monochromacy



Original Color

43.2559, 35.5732, 4.8449

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.0254, 31.7326, 16.4937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2559, 35.5732, 4.8449 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(235, 137, 9)` looks like.

```
.text, #text, p{  
    color:rgb(235, 137, 9)  
}
```

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(235, 137, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 137, 9) }
```

Border

The CSS property to change the border of an element to XYZ 43.2559, 35.5732, 4.8449 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(235, 137, 9) }
```


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

```
.border{ border-color:rgb(235, 137, 9) }
```

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

Here you see how a box with a 4 pixel rgb(235, 137, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 137, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 137, 9);  
box-shadow:4px 4px 4px 4px rgb(235, 137,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2559, 35.5732, 4.8449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 137, 9) }
```

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

```
.background{ background-color: rgb(235,  
137, 9) }
```

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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