

Converting Colors

XYZ(43.4845, 35.6110, 10.2361)

Have a look what the booklet for
XYZ(43.4845, 35.6110, 10.2361)
contains.

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Color

**XYZ(43.2985, 35.4768,
10.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	E88945
RGB	232, 137, 69
RGB Percent	91%, 54%, 27%
CMY	0.0902, 0.4627, 0.7294
CMYK	0.00, 0.41, 0.70, 0.09
HSL	25°, 78%, 59%
HSV	25°, 70%, 91%
XYZ	43.2985, 35.4768, 10.1958
YIQ	157.6530, 78.4480, -1.0080

Conversions

Conversions Part 2

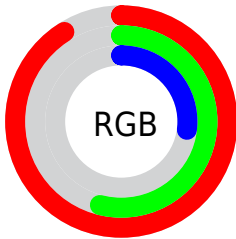
Format	Color
R _{YB}	232, 186, 69
Decimal	15239493
CIE Lab	66.12, 30.77, 50.76
CIE LCh	66, 59.358, 58.782
Yxy	35.4768, 0.4867, 0.3987
Android (android.graphics.Color)	4293429573 (0xFFE88945)
YUV	157.6530, -43.7059, 65.2023
Hunter-Lab	59.5624, 25.5252, 31.5445

Details

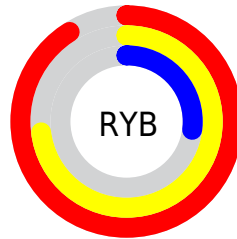
The XYZ color **43.2985, 35.4768, 10.1958** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **30.2941, 33.6402, 81.2398**, and the grayscale version is **32.5099, 34.2029, 37.2470**.

A 20% lighter version of the original color is **63.2610, 59.8777, 25.9926**, and **20.2236, 15.3540, 2.4280** is the 20% darker color. If you saturate the color by 10%, you get **40.9111, 31.6383, 6.5149**, and if you desaturate by 10%, it is **46.2097, 39.9133, 15.4400**.

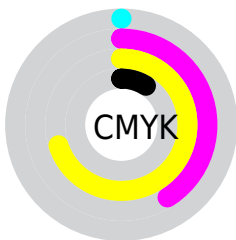
Distribution



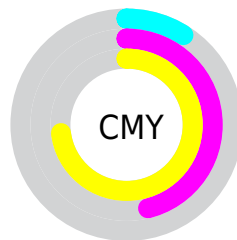
- Red (91%)
- Green (54%)
- Blue (27%)



- Red (91%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (70%)
- Black (9%)





- Cyan (9%)
- Magenta (46%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2985, 35.4768, 10.1958 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 43.2985, 35.4768, 10.1958 by changing the saturation by 10% instead.


 43.2985, 35.4768,
10.1958

 43.2985, 35.4768,
10.1958


350.7387,
326.6679, 202.5992


 30.3149, 24.0304,
5.4217


 79.4140, 68.2238,
26.7767

 20.2270, 15.3562,
2.4337


 103.2767, 90.2931,
39.4205

 12.6694, 9.0697,
0.8047


 131.4964,
116.6722, 55.5247

 7.2767, 4.7867,
0.0000

 164.4386,
147.7454, 75.5077

 3.6836, 2.1227,
0.0000

 202.4685,
183.8972, 99.7881

 1.5247, 0.6773,
0.0000

245.9516,

 0.3426, 0.0000,

225.5120, 128.7845

0.0000

295.2532,
272.9741, 162.9153

■ 0.0000, 0.0000,
0.0000

■ 43.2985, 35.4768,
10.1958

■ 43.2985, 35.4768,
10.1958

■ 40.9111, 31.6383,
6.5149

■ 46.2097, 39.9133,
15.4400

■ 39.0014, 28.3604,
4.2084


■ 49.6802, 44.9708,
22.4029


■ 37.5341, 25.6670,
2.9760


■ 53.7442, 50.6775,
31.2228


■ 58.4326, 57.0577,
42.0234

■ 63.7736, 64.1346,
54.9176

 69.7935, 71.9300,
70.0097

 76.5173, 80.4646,
87.3970

 83.9685, 89.7584,
107.1709

 87.0884, 95.8957,
108.5274

Harmonies

Analogous

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



50.8804, 35.4768, 19.6404



43.2985, 35.4768, 10.1958



34.0816, 35.4768, 7.5701

Triad

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



43.2985, 35.4768, 10.1958



19.4440, 35.4768, 37.6043



42.5646, 35.4768, 98.7732

Complementary

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



43.2985, 35.4768, 10.1958



30.2941, 33.6402, 81.2398

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.



33.3602, 35.4768, 110.4048



43.2985, 35.4768, 10.1958



20.9296, 35.4768, 67.0594

Square

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



43.2985, 35.4768, 10.1958



21.1931, 35.4768, 18.5225



25.6692, 35.4768, 96.8541



50.4073, 35.4768, 69.6773

Rectangle

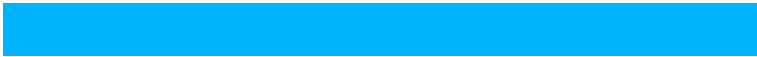
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2985, 35.4768, 10.1958



28.5474, 35.4768, 8.4729



25.6692, 35.4768, 96.8541



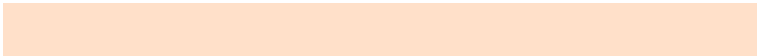
39.4816, 35.4768, 105.2977

Sweetspot

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



43.2993, 35.4787, 10.1964



78.4354, 78.6978, 66.5925



42.1151, 24.0955, 37.5927



16.3817, 16.3092, 13.2606



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.



43.2993, 35.4787, 10.1964



49.6417, 37.4286, 6.6876



59.5321, 67.9442, 15.6074



14.8686, 15.3510, 15.0838



20.9555, 14.4852, 1.6914



1.6385, 1.2504, 0.1550

Inverse Universe

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



30.2941, 33.6402, 81.2398



32.5259, 34.8262, 99.6156



20.0813, 13.2146, 77.8356



14.2771, 15.2757, 18.3403



13.0392, 13.1405, 44.2323



1.0548, 1.1536, 3.2990

Previews

White Background



This preview shows how the XYZ color 43.2985, 35.4768, 10.1958 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 43.2985, 35.4768, 10.1958 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 43.2985, 35.4768, 10.1958

Background



This preview shows how black text looks on a background with the XYZ color 43.2985, 35.4768, 10.1958.



This preview shows how white text looks on a background with the XYZ color 43.2985, 35.4768,

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

43.2985, 35.4768, 10.1958

Protanopia

32.6398, 35.5952, 11.9877

Deuteranopia

36.1648, 35.4435, 9.9362



Tritanopia

47.1025, 35.3975, 28.7759

Trichromacy



Original Color

43.2985, 35.4768, 10.1958

Protanomaly

35.7195, 34.9433, 11.1654

Deuteranomaly

38.5685, 35.2578, 9.9269

Tritanomaly

45.5495, 35.3796, 20.3478

Monochromacy



Original Color

43.2985, 35.4768, 10.1958

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.6798, 33.6333, 24.4027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2985, 35.4768, 10.1958 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(232, 137, 69)` looks like.

```
.text, #text, p{  
    color:rgb(232, 137, 69)  
}
```

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(232, 137, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 137, 69) }
```

Border

The CSS property to change the border of an element to XYZ 43.2985, 35.4768, 10.1958 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(232, 137, 69) }
```


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

```
.border{ border-color:rgb(232, 137, 69) }
```

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

Here you see how a box with a 4 pixel rgb(232, 137, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 137, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 137, 69);  
box-shadow:4px 4px 4px 4px rgb(232, 137,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2985, 35.4768, 10.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 137, 69) }
```

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

```
.background{ background-color: rgb(232,  
137, 69) }
```

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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