

Converting Colors

XYZ(43.6168, 36.0632, 10.4564)

Have a look what the booklet for
XYZ(43.6168, 36.0632, 10.4564)
contains.

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Color

**XYZ(43.6168, 36.0632,
10.4564)**

Conversions

Conversions Part 1

Format	Color
Hex	E88B46
RGB	232, 139, 70
RGB Percent	91%, 55%, 27%
CMY	0.0902, 0.4549, 0.7255
CMYK	0.00, 0.40, 0.70, 0.09
HSL	26°, 78%, 59%
HSV	26°, 70%, 91%
XYZ	43.6168, 36.0632, 10.4564
YIQ	158.9410, 77.5770, -1.7430

Conversions

Conversions Part 2

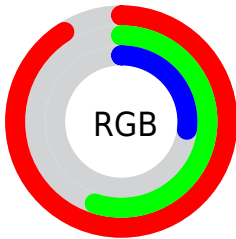
Format	Color
R _Y B	232, 190, 70
Decimal	15240006
CIE Lab	66.57, 29.77, 50.77
CIE LCh	67, 58.853, 59.618
Yxy	36.0632, 0.4839, 0.4001
Android (android.graphics.Color)	4293430086 (0xFFE88B46)
YUV	158.9410, -43.8479, 64.0727
Hunter-Lab	60.0526, 24.5541, 31.7132

Details

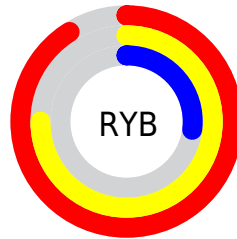
The XYZ color **43.6168, 36.0632, 10.4564** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **30.1876, 33.3209, 81.1839**, and the grayscale version is **33.0979, 34.8216, 37.9207**.

A 20% lighter version of the original color is **63.7612, 60.7804, 26.4604**, and **20.3935, 15.6810, 2.5242** is the 20% darker color. If you saturate the color by 10%, you get **41.2087, 32.2016, 6.7120**, and if you desaturate by 10%, it is **46.5442, 40.5115, 15.7693**.

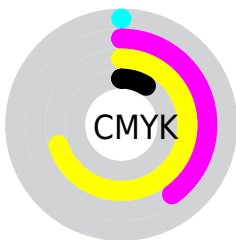
Distribution



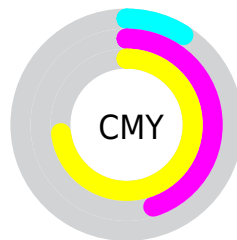
- Red (91%)
- Green (55%)
- Blue (27%)



- Red (91%)
- Yellow (75%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (70%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6168, 36.0632, 10.4564 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 43.6168, 36.0632, 10.4564 by changing the saturation by 10% instead.


 43.6168, 36.0632,
10.4564


 43.6168, 36.0632,
10.4564


352.0209,
329.2367, 204.5009


 30.5660, 24.4830,
5.5931


 79.8907, 69.1296,
27.2716

 20.4188, 15.6923,
2.5345


 103.8446, 91.3846,
40.0605


 12.8099, 9.3067,
0.8584


 132.1634,
117.9667, 56.3284

 7.3738, 4.9418,
0.0000

 165.2127,
149.2602, 76.4938

 3.7454, 2.2131,
0.0000

 203.3577,
185.6496, 100.9752

 1.5591, 0.7271,
0.0000

246.9639,

 0.3655, 0.0000,

227.5192, 130.1911

0.0000

296.3965,
275.2534, 164.5602

■ 0.0000, 0.0000,
0.0000

■ 43.6168, 36.0632,
10.4564

■ 43.6168, 36.0632,
10.4564

■ 41.2087, 32.2016,
6.7120

■ 46.5442, 40.5115,
15.7693

■ 39.2745, 28.8904,
4.3490

■ 50.0255, 45.5685,
22.8048

■ 37.7476, 26.0904,
3.0580


■ 54.0948, 51.2614,
31.7007


■ 37.7236, 26.0458,
3.0391


■ 58.7822, 57.6141,
42.5798

■ 64.1155, 64.6488,
55.5546

 70.1208, 72.3866,
70.7289

 76.8226, 80.8477,
88.1996

 84.1469, 90.0125,
107.5469

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



51.2870, 36.0632, 19.7810



43.6168, 36.0632, 10.4564



34.3905, 36.0632, 7.9257

Triad

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



43.6168, 36.0632, 10.4564



19.9295, 36.0632, 38.9427



43.3865, 36.0632, 98.6429

Complementary

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



43.6168, 36.0632, 10.4564



30.1876, 33.3209, 81.1839

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.



34.1637, 36.0632, 110.8731



43.6168, 36.0632, 10.4564



21.5174, 36.0632, 68.5875

Square

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



43.6168, 36.0632, 10.4564



21.6006, 36.0632, 19.4269



26.3758, 36.0632, 98.0438



51.1388, 36.0632, 69.4068

Rectangle

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



43.6168, 36.0632, 10.4564



28.8788, 36.0632, 8.9383



26.3758, 36.0632, 98.0438



40.3091, 36.0632, 105.3231

Sweetspot

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



43.6176, 36.0651, 10.4571



78.5613, 78.9496, 66.6345



42.2149, 24.2347, 37.8122



16.4114, 16.3687, 13.2705



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.



43.6176, 36.0651, 10.4571



49.8936, 37.9323, 6.7716



59.5852, 68.0002, 15.7796



14.8792, 15.3722, 15.0874



21.0618, 14.6978, 1.7269



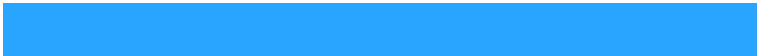
1.6469, 1.2671, 0.1578

Inverse Universe

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



30.1876, 33.3209, 81.1839



32.1889, 34.1521, 99.5032



20.2231, 13.3919, 77.8624



14.2663, 15.2540, 18.3367



12.8835, 12.8291, 44.1804



1.0437, 1.1313, 3.2953

Previews

White Background



This preview shows how the XYZ color 43.6168, 36.0632, 10.4564 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 43.6168, 36.0632, 10.4564 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 43.6168, 36.0632, 10.4564

Background



This preview shows how black text looks on a background with the XYZ color 43.6168, 36.0632, 10.4564.



This preview shows how white text looks on a background with the XYZ color 43.6168, 36.0632,

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

43.6168, 36.0632, 10.4564

Protanopia

33.2591, 36.4335, 12.3006

Deuteranopia

36.8961, 36.0611, 10.1701



Tritanopia

47.5161, 35.9886, 29.6414

Trichromacy



Original Color

43.6168, 36.0632, 10.4564

Protanomaly

36.3448, 35.7477, 11.4630

Deuteranomaly

39.2011, 36.0463, 10.2017

Tritanomaly

45.8806, 35.9502, 20.7406

Monochromacy



Original Color

43.6168, 36.0632, 10.4564

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.3087, 34.4279, 24.8629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6168, 36.0632, 10.4564 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, 139, 70)` looks like.

```
.text, #text, p{  
    color:rgb(232, 139, 70)  
}
```

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, 139, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 139, 70) }
```

Border

The CSS property to change the border of an element to XYZ 43.6168, 36.0632, 10.4564 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, 139, 70) }
```


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

```
.border{ border-color:rgb(232, 139, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 139, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 139, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 139, 70);  
box-shadow:4px 4px 4px 4px rgb(232, 139,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6168, 36.0632, 10.4564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 139, 70) }
```

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

```
.background{ background-color: rgb(232,  
139, 70) }
```

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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