

Converting Colors

XYZ(41.6736, 29.8280, 11.9001)

Have a look what the booklet for
XYZ(41.6736, 29.8280, 11.9001)
contains.

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Color

**XYZ(41.6554, 29.8906,
11.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7054
RGB	235, 112, 84
RGB Percent	92%, 44%, 33%
CMY	0.0784, 0.5608, 0.6706
CMYK	0.00, 0.52, 0.64, 0.08
HSL	11°, 79%, 63%
HSV	11°, 64%, 92%
XYZ	41.6554, 29.8906, 11.9615
YIQ	145.5850, 82.2960, 17.3680

Conversions

Conversions Part 2

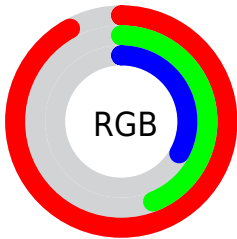
Format	Color
R _Y B	235, 118, 84
Decimal	15429716
CIE Lab	61.56, 45.48, 37.94
CIE LCh	62, 59.229, 39.830
Yxy	29.8906, 0.4988, 0.3579
Android (android.graphics.Color)	4293619796 (0xFFEB7054)
YUV	145.5850, -30.3614, 78.4170
Hunter-Lab	54.6723, 40.3245, 25.2988

Details

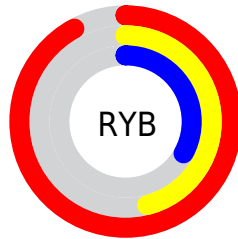
The XYZ color **41.6554, 29.8906, 11.9615** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **40.9628, 52.5054, 86.5725**, and the grayscale version is **27.2494, 28.6685, 31.2200**.

A 20% lighter version of the original color is **59.1793, 50.2537, 29.1351**, and **19.1315, 12.1457, 3.0863** is the 20% darker color. If you saturate the color by 10%, you get **38.9924, 25.7989, 7.2693**, and if you desaturate by 10%, it is **45.0774, 35.0068, 18.4297**.

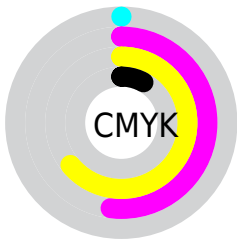
Distribution



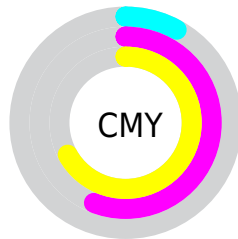
- Red (92%)
- Green (44%)
- Blue (33%)



- Red (92%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (64%)
- Black (8%)





- Cyan (8%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6554, 29.8906, 11.9615 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 41.6554, 29.8906, 11.9615 by changing the saturation by 10% instead.


 41.6554, 29.8906,
11.9615


 41.6554, 29.8906,
11.9615


344.0684,
301.3942, 215.1191

 29.0215, 19.7556,
6.5952


 76.9463, 59.4891,
30.0883

 19.2414, 12.2175,
3.1357


 100.3339, 79.7214,
43.6860


 11.9499, 6.8920,
1.1643


 128.0369,
104.0882, 60.8645

 6.7815, 3.3946,
0.0000

 160.4205,
132.9740, 82.0424

 3.3710, 1.3411,
0.0000

 197.8501,
166.7630, 107.6383

 1.3528, 0.1727,
0.0000

240.6910,

 0.2222, 0.0000,

205.8398, 138.0707

0.0000

289.3087,
250.5888, 173.7581

■ 0.0000, 0.0000,
0.0000

■ 41.6554, 29.8906,
11.9615

■ 41.6554, 29.8906,
11.9615

■ 38.9924, 25.7989,
7.2693

■ 45.0774, 35.0068,
18.4297

■ 37.0252, 22.6566,
4.1721

■ 49.3103, 41.2063,
26.8278

■ 35.6832, 20.3855,
2.4520

■ 54.4038, 48.5487,
37.2946

■ 35.1462, 19.4328,
1.8985

■ 60.4026, 57.0882,
49.9556

■ 67.3487, 66.8753,
64.9264

■ 75.2811, 77.9575,
82.3144

■ 84.2367, 90.3801,
102.2203

■ 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



46.0369, 29.8906, 25.7067



41.6554, 29.8906, 11.9615



33.9412, 29.8906, 6.4904

Triad

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



41.6554, 29.8906, 11.9615



16.4626, 29.8906, 19.7959



31.0669, 29.8906, 96.4575

Complementary

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



41.6554, 29.8906, 11.9615



40.9628, 52.5054, 86.5725

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.



23.5152, 29.8906, 92.3552



41.6554, 29.8906, 11.9615



15.9779, 29.8906, 40.5015

Square

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



41.6554, 29.8906, 11.9615



19.7943, 29.8906, 9.3509



18.3202, 29.8906, 68.8465



39.2210, 29.8906, 78.3327

Rectangle

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



41.6554, 29.8906, 11.9615



28.4549, 29.8906, 5.6267



18.3202, 29.8906, 68.8465



28.3654, 29.8906, 97.7731

Sweetspot

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



41.6561, 29.8922, 11.9620



76.8847, 74.6174, 69.0938



48.7325, 28.5234, 62.1717



15.9515, 15.2588, 13.7031



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.



41.6561, 29.8922, 11.9620



46.1187, 29.7688, 7.4055



53.6704, 53.9207, 15.9668



15.2915, 15.5059, 15.7057



19.6279, 10.9500, 1.0791



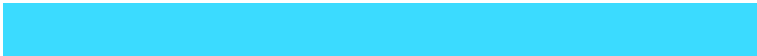
1.6051, 0.9875, 0.1060

Inverse Universe

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



40.9628, 52.5054, 86.5725



45.0556, 58.5844, 103.5410



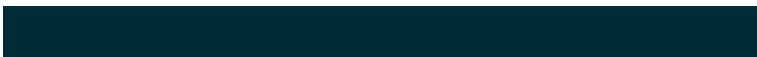
26.8781, 24.3361, 81.8776



15.2664, 16.6192, 19.3254



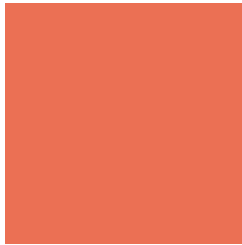
18.8526, 24.3521, 47.4498



1.5418, 2.0352, 3.7464

Previews

White Background



This preview shows how the XYZ color 41.6554, 29.8906, 11.9615 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6554, 29.8906, 11.9615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

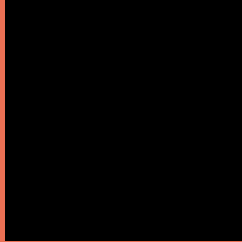
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6554, 29.8906, 11.9615

Background



This preview shows how black text looks on a background with the XYZ color 41.6554, 29.8906, 11.9615.



This preview shows how white text looks on a background with the XYZ color 41.6554, 29.8906,

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

41.6554, 29.8906, 11.9615

Protanopia

27.8523, 30.0581, 15.8891

Deuteranopia

30.5766, 29.9633, 11.3797



Tritanopia

43.3821, 29.9675, 19.7175

Trichromacy



Original Color

41.6554, 29.8906, 11.9615

Protanomaly

31.7662, 29.2174, 14.3212

Deuteranomaly

33.9214, 29.3683, 11.4702

Tritanomaly

42.5594, 29.7696, 16.5997

Monochromacy



Original Color

41.6554, 29.8906, 11.9615

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.4603, 27.9452, 22.5274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6554, 29.8906, 11.9615 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, 112, 84)` looks like.

```
.text, #text, p{  
    color:rgb(235, 112, 84)  
}
```

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, 112, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 112, 84) }
```

Border

The CSS property to change the border of an element to XYZ 41.6554, 29.8906, 11.9615 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, 112, 84) }
```


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

```
.border{ border-color:rgb(235, 112, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 112, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 112, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 112, 84);  
box-shadow:4px 4px 4px 4px rgb(235, 112,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6554, 29.8906, 11.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 112, 84) }
```

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

```
.background{ background-color: rgb(235,  
112, 84) }
```

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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