

Converting Colors

XYZ(36.5932, 26.2063, 3.5475)

Have a look what the booklet for
XYZ(36.5932, 26.2063, 3.5475)
contains.

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Color

**XYZ(36.7081, 26.2632,
3.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	E3680E
RGB	227, 104, 14
RGB Percent	89%, 41%, 5%
CMY	0.1098, 0.5921, 0.9451
CMYK	0.00, 0.54, 0.94, 0.11
HSL	25°, 88%, 47%
HSV	25°, 94%, 89%
XYZ	36.7081, 26.2632, 3.5500
YIQ	130.5170, 102.1980, -1.9140

Conversions

Conversions Part 2

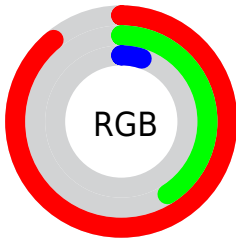
Format	Color
RYB	227, 170, 14
Decimal	14903310
CIELab	58.29, 43.92, 64.19
CIElCh	58, 77.775, 55.617
Yxy	26.2632, 0.5518, 0.3948
Android (android.graphics.Color)	4293093390 (0xFFE3680E)
YUV	130.5170, -57.4429, 84.6156
Hunter-Lab	51.2476, 38.1742, 31.7662

Details

The XYZ color **36.7081, 26.2632, 3.5500** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **22.9912, 23.5294, 76.0023**, and the grayscale version is **21.5748, 22.6984, 24.7185**.

A 20% lighter version of the original color is **54.6695, 46.1948, 12.3384**, and **16.5378, 10.3485, 1.1258** is the 20% darker color. If you saturate the color by 10%, you get **35.8540, 24.6821, 2.8744**, and if you desaturate by 10%, it is **38.3823, 29.2120, 5.3415**.

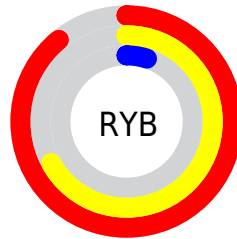
Distribution



Red (89%)

Green (41%)

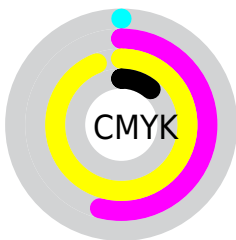
Blue (5%)



Red (89%)

Yellow (67%)

Blue (5%)

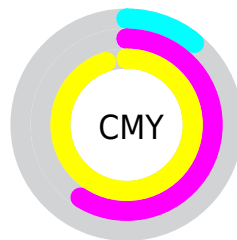


Cyan (0%)

Magenta (54%)

Yellow (94%)

Black (11%)



Cyan (11%)


Magenta (59%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7081, 26.2632, 3.5500 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 36.7081, 26.2632, 3.5500 by changing the saturation by 10% instead.


 36.7081, 26.2632,
3.5500


 36.7081, 26.2632,
3.5500


323.4225,
284.0717, 143.0840


 25.1542, 17.0206,
1.3819


 69.4404, 53.6992,
12.9579

 16.3213, 10.2492,
0.1275


 91.3494, 72.6615,
21.0347


 9.8441, 5.5645,
0.0000


 117.4410, 95.6325,
31.9181

 5.3572, 2.5821,
0.0000

 148.0803,
122.9966, 46.0268

 2.4952, 0.9177,
0.0000

 183.6327,
155.1382, 63.7791

 0.8928, 0.0000,
0.0000

 224.4637,

 0.0000, 0.0000,

192.4416, 85.5938

0.0000

270.9385,
235.2913, 111.8892

36.7081, 26.2632,
3.5500

36.7081, 26.2632,
3.5500

35.8540, 24.6821,
2.8744

38.3823, 29.2120,
5.3415

40.4906, 32.6755,
8.3657

43.0775, 36.6860,
12.8141

46.1803, 41.2712,
18.8439

49.8319, 46.4560,
26.5917

■ 54.0620, 52.2639,
36.1788

■ 58.8981, 58.7168,
47.7154

■ 64.3656, 65.8354,
61.3033

■ 70.4883, 73.6394,
77.0367

Harmonies

Analogous

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



45.2189, 26.2632, 11.4688



36.7081, 26.2632, 3.5500



26.3785, 26.2632, 1.7561

Triad

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



36.7081, 26.2632, 3.5500



10.8636, 26.2632, 24.7968



33.6816, 26.2632, 105.9852

Complementary

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



36.7081, 26.2632, 3.5500



22.9912, 23.5294, 76.0023

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.



23.5979, 26.2632, 118.3347



36.7081, 26.2632, 3.5500



11.8906, 26.2632, 57.5501

Square

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



36.7081, 26.2632, 3.5500



12.7588, 26.2632, 8.1125



16.0348, 26.2632, 96.7334



43.1844, 26.2632, 69.2568

Rectangle

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



36.7081, 26.2632, 3.5500



20.3788, 26.2632, 2.0464



16.0348, 26.2632, 96.7334



30.1864, 26.2632, 113.8288

Sweetspot

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



36.7087, 26.2647, 3.5504



73.8385, 72.6812, 55.2650



36.4410, 18.4872, 25.7879



15.2307, 14.7880, 10.4700



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.



36.7087, 26.2647, 3.5504



46.5766, 31.9332, 3.7089



54.6193, 62.0859, 9.5207



14.8750, 15.3640, 15.0860



21.0202, 14.6146, 1.7130



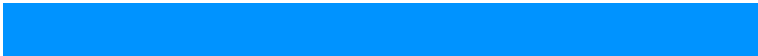
1.6436, 1.2606, 0.1567

Inverse Universe

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



22.9912, 23.5294, 76.0023



28.5221, 28.1642, 98.5407



14.5561, 6.6592, 73.1906



14.2705, 15.2624, 18.3381



12.9437, 12.9494, 44.2005



1.0480, 1.1399, 3.2968

Previews

White Background



This preview shows how the XYZ color 36.7081, 26.2632, 3.5500 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 36.7081, 26.2632, 3.5500 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 36.7081, 26.2632, 3.5500

Background



This preview shows how black text looks on a background with the XYZ color 36.7081, 26.2632, 3.5500.



This preview shows how white text looks on a background with the XYZ color 36.7081, 26.2632,

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

36.7081, 26.2632, 3.5500

Protanopia

23.8119, 26.3934, 4.8167

Deuteranopia

26.7476, 26.2400, 3.6551



Tritanopia

39.3560, 26.3517, 15.8441

Trichromacy



Original Color

36.7081, 26.2632, 3.5500

Protanomaly

27.3924, 25.5636, 4.2496

Deuteranomaly

29.7519, 25.6658, 3.5295

Tritanomaly

38.0076, 26.2273, 9.0204

Monochromacy



Original Color

36.7081, 26.2632, 3.5500

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.3247, 22.4863, 12.2908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7081, 26.2632, 3.5500 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(227, 104, 14)` looks like.

```
.text, #text, p{  
    color:rgb(227, 104, 14)  
}
```

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(227, 104, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 104, 14) }
```

Border

The CSS property to change the border of an element to XYZ 36.7081, 26.2632, 3.5500 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(227, 104, 14) }
```


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

```
.border{ border-color:rgb(227, 104, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 104, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 104, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 104, 14);  
box-shadow:4px 4px 4px 4px rgb(227, 104,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7081, 26.2632, 3.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 104, 14) }
```

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

```
.background{ background-color: rgb(227,  
104, 14) }
```

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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