

Converting Colors

XYZ(35.2742, 24.7304, 2.9143)

Have a look what the booklet for
XYZ(35.2742, 24.7304, 2.9143)
contains.

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Color

**XYZ(35.1082, 24.5827,
2.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	E06200
RGB	224, 98, 0
RGB Percent	88%, 38%, 0%
CMY	0.1216, 0.6157, 1.0000
CMYK	0.00, 0.56, 1.00, 0.12
HSL	26°, 100%, 44%
HSV	26°, 100%, 88%
XYZ	35.1082, 24.5827, 2.8945
YIQ	124.5020, 106.5540, -3.7660

Conversions

Conversions Part 2

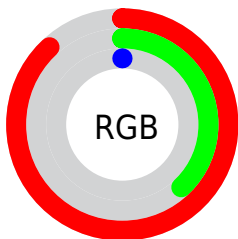
Format	Color
R_{YB}	224, 174, 0
Decimal	14705152
CIE _{Lab}	56.67, 45.53, 65.60
CIE _{LCh}	57, 79.852, 55.234
Yxy	24.5827, 0.5610, 0.3928
Android (android.graphics.Color)	4292895232 (0xFFE06200)
YUV	124.5020, -61.3795, 87.2597
Hunter-Lab	49.5809, 39.6290, 31.2454

Details

The XYZ color **35.1082, 24.5827, 2.8945** 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 **20.9148, 20.3025, 73.3370**, and the grayscale version is **19.5012, 20.5168, 22.3428**.

A 20% lighter version of the original color is **53.4224, 44.0981, 10.6971**, and **15.6363, 9.4538, 1.0006** is the 20% darker color. If you saturate the color by 10%, you get **35.1085, 24.5836, 2.8947**, and if you desaturate by 10%, it is **36.5307, 27.1901, 4.1025**.

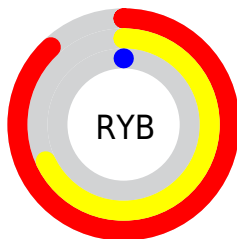
Distribution



Red (88%)

Green (38%)

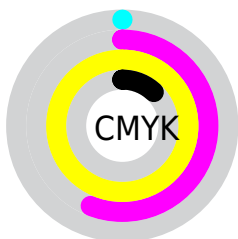
Blue (0%)



Red (88%)

Yellow (68%)

Blue (0%)

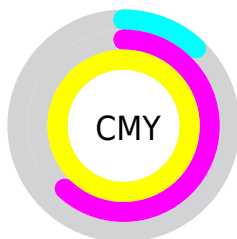


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (12%)



Cyan (12%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1082, 24.5827, 2.8945 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 35.1082, 24.5827, 2.8945 by changing the saturation by 10% instead.


 35.1082, 24.5827,
2.8945


 35.1082, 24.5827,
2.8945


316.5453,
275.7533, 135.0054


 23.9131, 15.7664,
1.0410


 66.9863, 50.9794,
11.3670

 15.3936, 9.3590,
0.0000


 88.4000, 69.3287,
18.8231

 9.1842, 4.9761,
0.0000

 113.9506, 91.6244,
28.9838

 4.9196, 2.2332,
0.0000

 144.0036,
118.2509, 42.2676

 2.2344, 0.7380,
0.0000

 178.9242,
149.5927, 59.0932


 0.7608, 0.0000,
0.0000


 219.0777,


 0.0000, 0.0000,


186.0341, 79.8789


0.0000


 264.8297,
227.9595, 105.0435


 35.1082, 24.5827,
2.8945


 35.1082, 24.5827,
2.8945


 35.1085, 24.5836,
2.8947

 36.5307, 27.1901,
4.1025

 38.3188, 30.2525,
6.2826

 40.5364, 33.8087,
9.7316

 43.2226, 37.8860,
14.6195

 46.4109, 42.5086,
21.0894

■ 50.1313, 47.6992,
29.2670

■ 54.4112, 53.4786,
39.2653

■ 59.2758, 59.8665,
51.1874

■ 64.7485, 66.8815,
65.1285

Harmonies

Analogous

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



43.5443, 24.5827, 10.3394



35.1082, 24.5827, 2.8945



24.8815, 24.5827, 1.3000

Triad

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



35.1082, 24.5827, 2.8945



9.6980, 24.5827, 22.7354



31.8415, 24.5827, 104.8806

Complementary

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



35.1082, 24.5827, 2.8945



20.9148, 20.3025, 73.3370

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.



21.9116, 24.5827, 117.0196



35.1082, 24.5827, 2.8945



10.6416, 24.5827, 55.0500

Square

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



35.1082, 24.5827, 2.8945



11.5449, 24.5827, 6.9044



14.5847, 24.5827, 94.6632



41.3343, 24.5827, 67.8407

Rectangle

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



35.1082, 24.5827, 2.8945



18.9770, 24.5827, 1.5280



14.5847, 24.5827, 94.6632



28.3823, 24.5827, 112.7376

Sweetspot

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



35.1087, 24.5841, 2.8949



72.8624, 71.5668, 52.3567



34.5668, 17.3779, 21.5889



15.0551, 14.5941, 9.9265



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.



35.1087, 24.5841, 2.8949



46.9867, 32.7535, 3.8456



53.5570, 61.4807, 9.0443



14.1982, 14.6823, 14.3924



20.5459, 14.5296, 1.7216



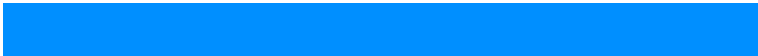
1.5121, 1.1830, 0.1486

Inverse Universe

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



20.9148, 20.3025, 73.3370



27.9373, 26.9945, 98.3458



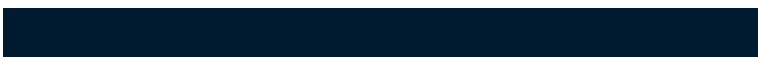
13.6245, 5.7217, 70.9068



13.5885, 14.5160, 17.4734



12.2903, 12.0501, 42.7265



0.9406, 1.0126, 2.9911

Previews

White Background



This preview shows how the XYZ color 35.1082, 24.5827, 2.8945 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 35.1082, 24.5827, 2.8945 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 35.1082, 24.5827, 2.8945

Background



This preview shows how black text looks on a background with the XYZ color 35.1082, 24.5827, 2.8945.



This preview shows how white text looks on a background with the XYZ color 35.1082, 24.5827,

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

35.1082, 24.5827, 2.8945

Protanopia

22.4074, 24.8155, 4.3183

Deuteranopia

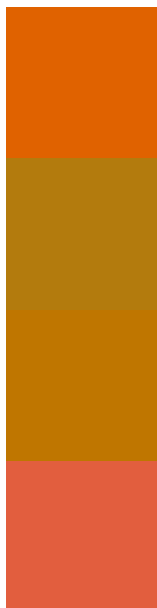
24.9959, 24.7359, 3.4571



Tritanopia

37.5773, 24.6761, 14.0917

Trichromacy



Original Color

35.1082, 24.5827, 2.8945

Protanomaly

25.7460, 23.7787, 3.6136

Deuteranomaly

27.9643, 24.0332, 3.1650

Tritanomaly

36.2362, 24.5220, 7.3808

Monochromacy



Original Color

35.1082, 24.5827, 2.8945

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.2766, 20.4177, 10.3563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1082, 24.5827, 2.8945 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(224, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 98, 0)  
}
```

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(224, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 98, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.1082, 24.5827, 2.8945 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(224, 98, 0) }
```


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

```
.border{ border-color:rgb(224, 98, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 98, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 35.1082, 24.5827, 2.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 98, 0) }
```

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

```
.background{ background-color: rgb(224, 98,  
0) }
```

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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