

Converting Colors

XYZ(34.1389, 26.1467, 1.3314)

Have a look what the booklet for
XYZ(34.1389, 26.1467, 1.3314)
contains.

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Color

**XYZ(34.5979, 26.2743,
3.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6F00
RGB	218, 111, 0
RGB Percent	85%, 44%, 0%
CMY	0.1451, 0.5647, 1.0000
CMYK	0.00, 0.49, 1.00, 0.15
HSL	31°, 100%, 43%
HSV	31°, 100%, 85%
XYZ	34.5979, 26.2743, 3.2479
YIQ	130.3390, 99.4030, -11.8370

Conversions

Conversions Part 2

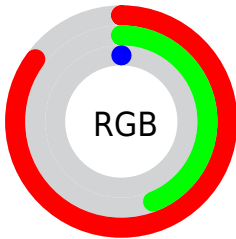
Format	Color
R_{YB}	210, 218, 0
Decimal	14315264
CIE _{Lab}	58.30, 36.76, 66.07
CIE _{LCh}	58, 75.609, 60.909
Yxy	26.2743, 0.5396, 0.4098
Android (android.graphics.Color)	4292505344 (0xFFDA6F00)
YUV	130.3390, -64.2571, 76.8787
Hunter-Lab	51.2585, 30.7797, 32.1241

Details

The XYZ color **34.5979, 26.2743, 3.2479** 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 **17.9124, 15.5770, 68.3918**, and the grayscale version is **21.5355, 22.6570, 24.6735**.

A 20% lighter version of the original color is **55.5286, 48.2162, 11.6902**, and **15.3790, 10.4054, 1.1979** is the 20% darker color. If you saturate the color by 10%, you get **34.5981, 26.2751, 3.2481**, and if you desaturate by 10%, it is **35.9797, 28.8096, 4.4137**.

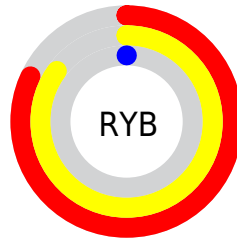
Distribution



Red (85%)

Green (44%)

Blue (0%)



Red (82%)

Yellow (85%)

Blue (0%)

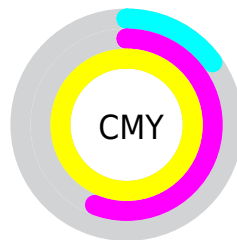


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5979, 26.2743, 3.2479 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 34.5979, 26.2743, 3.2479 by changing the saturation by 10% instead.


 34.5979, 26.2743,
3.2479


 34.5979, 26.2743,
3.2479


314.3291,
284.1260, 139.4579

 23.5184, 17.0290,
1.2226


 66.2005, 53.7171,
12.2343

 15.0995, 10.2551,
0.0000


 87.4543, 72.6834,
20.0324


 8.9760, 5.5685,
0.0000


 112.8302, 95.6588,
30.5918

 4.7825, 2.5845,
0.0000

 142.6936,
123.0277, 44.3311

 2.1537, 0.9189,
0.0000

 177.4098,
155.1744, 61.6688


 0.7182, 0.0000,
0.0000


 217.3443,


 0.0000, 0.0000,


192.4835, 83.0235


0.0000


 262.8622,
235.3392, 108.8137


 34.5979, 26.2743,
3.2479


 34.5979, 26.2743,
3.2479


 34.5981, 26.2751,
3.2481

 35.9797, 28.8096,
4.4137

 37.6669, 31.6971,
6.4771

 39.7175, 34.9683,
9.7191

 42.1654, 38.6437,
14.2975

 45.0398, 42.7415,
20.3456

■ 48.3665, 47.2782,
27.9801

■ 52.1691, 52.2694,
37.3058

■ 56.4691, 57.7296,
48.4186

■ 61.2866, 63.6726,
61.4070

Harmonies

Analogous

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



43.4310, 26.2743, 9.6789



34.5979, 26.2743, 3.2479



24.6934, 26.2743, 1.9692

Triad

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



34.5979, 26.2743, 3.2479



11.1335, 26.2743, 29.4194



35.2054, 26.2743, 97.7984

Complementary

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



34.5979, 26.2743, 3.2479



17.9124, 15.5770, 68.3918

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.



25.2546, 26.2743, 115.0334



34.5979, 26.2743, 3.2479



12.6634, 26.2743, 63.3169

Square

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



34.5979, 26.2743, 3.2479



12.4858, 26.2743, 10.3705



17.3224, 26.2743, 99.6334



43.8380, 26.2743, 60.9823

Rectangle

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



34.5979, 26.2743, 3.2479



19.1772, 26.2743, 2.5830



17.3224, 26.2743, 99.6334



31.8324, 26.2743, 106.8180

Sweetspot

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



34.5985, 26.2757, 3.2484



74.2561, 74.3543, 52.8213



31.6738, 16.0096, 15.8895



15.3836, 15.2511, 10.0360



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.



34.5985, 26.2757, 3.2484



49.2020, 37.1840, 4.5840



53.9845, 65.0478, 9.7104



13.6014, 14.1422, 13.7384



20.8361, 15.9578, 1.9820



1.4361, 1.2062, 0.1571

Inverse Universe

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



17.9124, 15.5770, 68.3918



25.4033, 21.9266, 97.5011



12.6549, 5.0621, 66.6393



12.8637, 13.6672, 16.6122



10.8384, 9.5463, 41.0098



0.7883, 0.7907, 2.6855

Previews

White Background



This preview shows how the XYZ color 34.5979, 26.2743, 3.2479 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 34.5979, 26.2743, 3.2479 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 34.5979, 26.2743, 3.2479

Background



This preview shows how black text looks on a background with the XYZ color 34.5979, 26.2743, 3.2479.



This preview shows how white text looks on a background with the XYZ color 34.5979, 26.2743,

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

34.5979, 26.2743, 3.2479

Protanopia

23.9405, 26.4677, 4.4631

Deuteranopia

26.8852, 26.5152, 3.7009



Tritanopia

37.4835, 26.1984, 17.8331

Trichromacy



Original Color

34.5979, 26.2743, 3.2479

Protanomaly

26.8714, 25.6951, 3.8912

Deuteranomaly

29.4532, 26.2592, 3.5162

Tritanomaly

35.7747, 25.9659, 8.9207

Monochromacy



Original Color

34.5979, 26.2743, 3.2479

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.5446, 22.4718, 11.2802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5979, 26.2743, 3.2479 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(218, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 111, 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(218, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 111, 0) }
```

Border

The CSS property to change the border of an element to XYZ 34.5979, 26.2743, 3.2479 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(218, 111, 0) }
```


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

```
.border{ border-color:rgb(218, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 111,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5979, 26.2743, 3.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 111, 0) }
```

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

```
.background{ background-color: rgb(218,  
111, 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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