

Converting Colors

XYZ(35.2354, 26.2052, 3.2010)

Have a look what the booklet for
XYZ(35.2354, 26.2052, 3.2010)
contains.

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Color

**XYZ(35.2874, 26.3094,
3.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6D00
RGB	221, 109, 0
RGB Percent	87%, 43%, 0%
CMY	0.1333, 0.5725, 1.0000
CMYK	0.00, 0.51, 1.00, 0.13
HSL	30°, 100%, 43%
HSV	30°, 100%, 87%
XYZ	35.2874, 26.3094, 3.2184
YIQ	130.0620, 101.7410, -10.1550

Conversions

Conversions Part 2

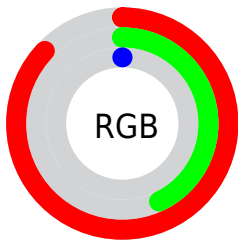
Format	Color
R_{YB}	221, 215, 0
Decimal	14511360
CIE Lab	58.33, 38.97, 66.32
CIE LCh	58, 76.921, 59.557
Yxy	26.3094, 0.5444, 0.4059
Android (android.graphics.Color)	4292701440 (0xFFDD6D00)
YUV	130.0620, -64.1206, 79.7526
Hunter-Lab	51.2927, 33.0389, 32.1847

Details

The XYZ color **35.2874, 26.3094, 3.2184** 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 **18.8453, 16.8087, 70.6571**, and the grayscale version is **21.4359, 22.5522, 24.5593**.

A 20% lighter version of the original color is **55.1734, 47.5059, 11.5718**, and **15.6136, 10.2952, 1.1642** is the 20% darker color. If you saturate the color by 10%, you get **35.2875, 26.3100, 3.2185**, and if you desaturate by 10%, it is **36.7058, 28.9131, 4.4107**.

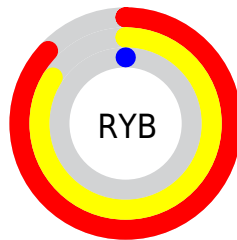
Distribution



Red (87%)

Green (43%)

Blue (0%)



Red (87%)

Yellow (84%)

Blue (0%)

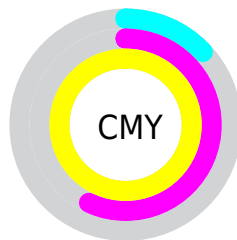


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2874, 26.3094, 3.2184 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 35.2874, 26.3094, 3.2184 by changing the saturation by 10% instead.


 35.2874, 26.3094,
3.2184


 35.2874, 26.3094,
3.2184


317.3209,
284.2976, 139.0954


 24.0519, 17.0552,
1.2072


 67.2619, 53.7737,
12.1628

 15.4971, 10.2739,
0.0000


 88.7315, 72.7526,
19.9330

 9.2576, 5.5809,
0.0000


 114.3433, 95.7418,
30.4600

 4.9680, 2.5920,
0.0000

 144.4625,
123.1259, 44.1623

 2.2631, 0.9226,
0.0000

 179.4545,
155.2891, 61.4585


 0.7757, 0.0000,
0.0000


 219.6847,


 0.0000, 0.0000,


192.6158, 82.7670


0.0000


 265.5184,
235.4906, 108.5065


 35.2874, 26.3094,
3.2184


 35.2874, 26.3094,
3.2184


 35.2875, 26.3100,
3.2185

 36.7058, 28.9131,
4.4107

 38.4480, 31.8974,
6.5338

 40.5744, 35.2958,
9.8762

 43.1204, 39.1304,
14.6015

 46.1168, 43.4210,
20.8476

■ 49.5906, 48.1857,
28.7354

■ 53.5666, 53.4412,
38.3735

■ 58.0675, 59.2035,
49.8612

■ 63.1146, 65.4874,
63.2901

Harmonies

Analogous

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



44.1734, 26.3094, 9.9916



35.2874, 26.3094, 3.2184



25.1458, 26.3094, 1.8306

Triad

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



35.2874, 26.3094, 3.2184



10.9736, 26.3094, 28.2495



34.9848, 26.3094, 101.0209

Complementary

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



35.2874, 26.3094, 3.2184



18.8453, 16.8087, 70.6571

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.



24.8673, 26.3094, 117.3808



35.2874, 26.3094, 3.2184



12.3832, 26.3094, 62.3691

Square

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



35.2874, 26.3094, 3.2184



12.4706, 26.3094, 9.6532



16.9455, 26.3094, 100.0997



43.9702, 26.3094, 63.5367

Rectangle

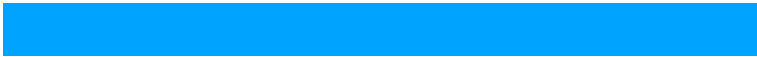
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.2874, 26.3094, 3.2184



19.4487, 26.3094, 2.3483



16.9455, 26.3094, 100.0997



31.5330, 26.3094, 109.9282

Sweetspot

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



35.2880, 26.3108, 3.2188



73.9416, 73.7252, 52.7164



32.8665, 16.5913, 17.4455



15.3093, 15.1025, 10.0113



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.



35.2880, 26.3108, 3.2188



48.6719, 36.1238, 4.4073



54.7129, 65.1608, 9.6938



13.5837, 14.1068, 13.7325



20.6122, 15.5100, 1.9074



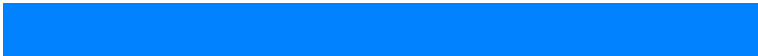
1.4215, 1.1771, 0.1523

Inverse Universe

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



18.8453, 16.8087, 70.6571



25.9301, 22.9803, 97.6767



13.0912, 5.3006, 68.7391



12.8814, 13.7025, 16.6181



11.0610, 9.9914, 41.0840



0.8028, 0.8197, 2.6903

Previews

White Background



This preview shows how the XYZ color 35.2874, 26.3094, 3.2184 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 35.2874, 26.3094, 3.2184 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 35.2874, 26.3094, 3.2184

Background



This preview shows how black text looks on a background with the XYZ color 35.2874, 26.3094, 3.2184.



This preview shows how white text looks on a background with the XYZ color 35.2874, 26.3094,

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

35.2874, 26.3094, 3.2184

Protanopia

23.9405, 26.4677, 4.4631

Deuteranopia

26.8852, 26.5152, 3.7009



Tritanopia

38.1009, 26.2374, 17.2435

Trichromacy



Original Color

35.2874, 26.3094, 3.2184

Protanomaly

27.2080, 25.6721, 3.8690

Deuteranomaly

29.5817, 26.1366, 3.4857

Tritanomaly

36.4559, 26.0183, 8.7308

Monochromacy



Original Color

35.2874, 26.3094, 3.2184

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.6251, 22.3301, 11.2486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2874, 26.3094, 3.2184 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(221, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(221, 109, 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(221, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 109, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.2874, 26.3094, 3.2184 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(221, 109, 0) }
```


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

```
.border{ border-color:rgb(221, 109, 0) }
```

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

Here you see how a box with a 4 pixel rgb(221, 109, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(221, 109,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2874, 26.3094, 3.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 109, 0) }
```

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

```
.background{ background-color: rgb(221,  
109, 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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