

Converting Colors

XYZ(33.0884, 26.6058, 6.5234)

Have a look what the booklet for
XYZ(33.0884, 26.6058, 6.5234)
contains.

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Color

**XYZ(33.0884, 26.6058,
6.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	D07633
RGB	208, 118, 51
RGB Percent	82%, 46%, 20%
CMY	0.1843, 0.5372, 0.8000
CMYK	0.00, 0.43, 0.75, 0.18
HSL	26°, 63%, 51%
HSV	26°, 75%, 82%
XYZ	33.0884, 26.6058, 6.5234
YIQ	137.2720, 75.1470, -1.7570

Conversions

Conversions Part 2

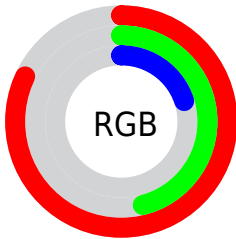
Format	Color
R_{YB}	208, 168, 51
Decimal	13661747
CIE _{Lab}	58.61, 30.15, 50.37
CIE _{LCh}	59, 58.708, 59.099
Yxy	26.6058, 0.4997, 0.4018
Android (android.graphics.Color)	4291851827 (0xFFD07633)
YUV	137.2720, -42.5321, 62.0285
Hunter-Lab	51.5808, 24.2389, 28.6082

Details

The XYZ color **33.0884, 26.6058, 6.5234** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **22.2745, 24.3060, 63.1916**, and the grayscale version is **24.0177, 25.2685, 27.5174**.

A 20% lighter version of the original color is **58.1519, 51.3254, 19.1538**, and **14.2799, 10.4301, 1.2606** is the 20% darker color. If you saturate the color by 10%, you get **31.4118, 23.8299, 4.1859**, and if you desaturate by 10%, it is **35.1487, 29.8215, 10.0006**.

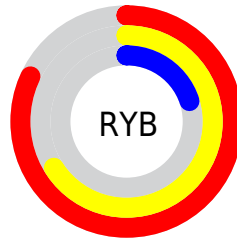
Distribution



Red (82%)

Green (46%)

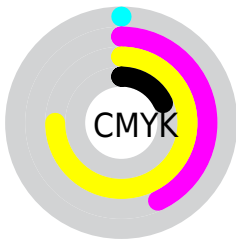
Blue (20%)



Red (82%)

Yellow (66%)

Blue (20%)

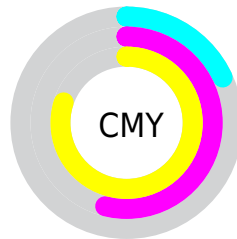


Cyan (0%)

Magenta (43%)

Yellow (75%)

Black (18%)



Cyan (18%)


Magenta (54%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0884, 26.6058, 6.5234 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 33.0884, 26.6058, 6.5234 by changing the saturation by 10% instead.


 33.0884, 26.6058,
6.5234


 33.0884, 26.6058,
6.5234


307.7058,
285.7434, 173.1204


 22.3537, 17.2774,
3.0920


 63.8673, 54.2507,
19.5041

 14.2351, 10.4325,
1.1418


 84.6422, 73.3359,
29.8904

 8.3672, 5.6866,
0.0000


 109.4946, 96.4422,
43.4321

 4.3845, 2.6555,
0.0000

 138.7898,
123.9539, 60.5478

 1.9219, 0.9546,
0.0000

 172.8931,
156.2555, 81.6559

 0.5895, 0.0000,
0.0000

 212.1700,

 0.0000, 0.0000,

193.7314, 107.1750

0.0000

256.9858,
236.7659, 137.5237

■ 33.0884, 26.6058,
6.5234

■ 33.0884, 26.6058,
6.5234

■ 31.4118, 23.8299,
4.1859

■ 35.1487, 29.8215,
10.0006

■ 30.0808, 21.4645,
2.8276

■ 37.6214, 33.4950,
14.7459

■ 29.5656, 20.5166,
2.4018

■ 40.5340, 37.6480,
20.8720

■ 43.9107, 42.2992,
28.4782

■ 47.7737, 47.4663,
37.6549

■ 52.1437, 53.1658,
48.4850

■ 57.0400, 59.4135,
61.0457

■ 62.4810, 66.2247,
75.4090

■ 68.4839, 73.6136,
91.6432

Harmonies

Analogous

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



39.4227, 26.6058, 13.6444



33.0884, 26.6058, 6.5234



25.5065, 26.6058, 4.6549

Triad

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



33.0884, 26.6058, 6.5234



13.8140, 26.6058, 28.3497



32.6390, 26.6058, 79.2862

Complementary

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



33.0884, 26.6058, 6.5234



22.2745, 24.3060, 63.1916

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.



25.0708, 26.6058, 89.4802



33.0884, 26.6058, 6.5234



15.0141, 26.6058, 52.8567

Square

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



33.0884, 26.6058, 6.5234



15.1686, 26.6058, 13.0005



18.8213, 26.6058, 78.0715



39.1305, 26.6058, 54.4870

Rectangle

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



33.0884, 26.6058, 6.5234



21.0218, 26.6058, 5.3289



18.8213, 26.6058, 78.0715



30.0956, 26.6058, 84.9391

Sweetspot

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



33.0890, 26.6072, 6.5239



77.2009, 77.1759, 63.2612



32.1226, 17.7482, 27.5542



16.0116, 15.8427, 12.2935



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.



33.0890, 26.6072, 6.5239



48.3520, 35.2373, 5.0610



46.1062, 52.6415, 10.8629



12.2176, 12.6259, 12.4051



18.5187, 12.9704, 1.5275



1.1134, 0.8811, 0.1114

Inverse Universe

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



22.2745, 24.3060, 63.1916



30.2846, 31.1664, 99.0273



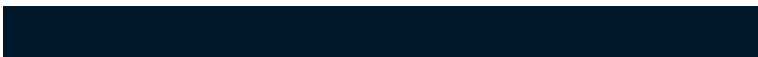
14.5886, 8.9342, 60.6297



11.7182, 12.5266, 15.0439



11.3219, 11.2904, 38.7750



0.7109, 0.7870, 2.1940

Previews

White Background



This preview shows how the XYZ color 33.0884, 26.6058, 6.5234 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 33.0884, 26.6058, 6.5234 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 33.0884, 26.6058, 6.5234

Background



This preview shows how black text looks on a background with the XYZ color 33.0884, 26.6058, 6.5234.



This preview shows how white text looks on a background with the XYZ color 33.0884, 26.6058,

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

33.0884, 26.6058, 6.5234

Protanopia

24.5373, 26.9206, 7.9059

Deuteranopia

27.1497, 26.5946, 6.2871



Tritanopia

36.1656, 26.6978, 20.6998

Trichromacy



Original Color

33.0884, 26.6058, 6.5234

Protanomaly

26.9816, 26.2810, 7.2651

Deuteranomaly

28.9917, 26.3431, 6.3530

Tritanomaly

34.9017, 26.6917, 13.9022

Monochromacy



Original Color

33.0884, 26.6058, 6.5234

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6884, 24.7924, 17.0672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0884, 26.6058, 6.5234 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(208, 118, 51)` looks like.

```
.text, #text, p{  
    color:rgb(208, 118, 51)  
}
```

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(208, 118, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 118, 51) }
```

Border

The CSS property to change the border of an element to XYZ 33.0884, 26.6058, 6.5234 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(208, 118, 51) }
```


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

```
.border{ border-color:rgb(208, 118, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 118, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 118, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 118, 51);  
box-shadow:4px 4px 4px 4px rgb(208, 118,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0884, 26.6058, 6.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 118, 51) }
```

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

```
.background{ background-color: rgb(208,  
118, 51) }
```

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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