

Converting Colors

XYZ(33.0791, 26.4645, 6.8618)

Have a look what the booklet for
XYZ(33.0791, 26.4645, 6.8618)
contains.

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Color

**XYZ(33.0396, 26.3988,
6.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	D07536
RGB	208, 117, 54
RGB Percent	82%, 46%, 21%
CMY	0.1843, 0.5412, 0.7882
CMYK	0.00, 0.44, 0.74, 0.18
HSL	25°, 62%, 51%
HSV	25°, 74%, 82%
XYZ	33.0396, 26.3988, 6.8441
YIQ	137.0270, 74.4590, -0.3010

Conversions

Conversions Part 2

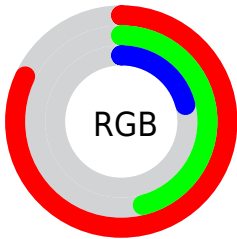
Format	Color
R_{YB}	208, 161, 54
Decimal	13661494
CIE _{Lab}	58.41, 30.81, 48.78
CIE _{LCh}	58, 57.696, 57.719
Yxy	26.3988, 0.4985, 0.3983
Android (android.graphics.Color)	4291851574 (0xFFD07536)
YUV	137.0270, -40.9323, 62.2433
Hunter-Lab	51.3798, 24.8693, 28.0680

Details

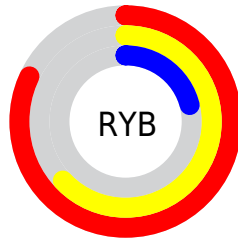
The XYZ color **33.0396, 26.3988, 6.8441** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.0312, 25.5877, 63.3993**, and the grayscale version is **23.9190, 25.1646, 27.4043**.

A 20% lighter version of the original color is **58.1134, 51.0089, 19.8795**, and **14.2199, 10.3102, 1.2406** is the 20% darker color. If you saturate the color by 10%, you get **31.3123, 23.5662, 4.3521**, and if you desaturate by 10%, it is **35.1649, 29.6938, 10.4992**.

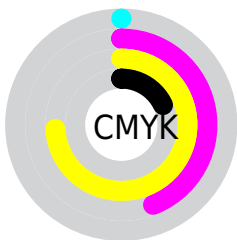
Distribution



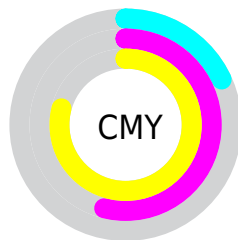
- Red (82%)
- Green (46%)
- Blue (21%)



- Red (82%)
- Yellow (63%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (74%)
- Black (18%)





- Cyan (18%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0396, 26.3988, 6.8441 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 33.0396, 26.3988, 6.8441 by changing the saturation by 10% instead.


 33.0396, 26.3988,
6.8441


 33.0396, 26.3988,
6.8441

307.4900,
284.7343, 175.9434

 22.3162, 17.1222,
3.2878


 63.7916, 53.9176,
20.1664


 14.2073, 10.3217,
1.2434


 84.5509, 72.9286,
30.7695


 8.3477, 5.6128,
0.0147


 109.3862, 95.9533,
44.5586

 4.3719, 2.6111,
0.0000

 138.6628,
123.3759, 61.9523

 1.9146, 0.9322,
0.0000

 172.7462,
155.5809, 83.3691

 0.5853, 0.0000,
0.0000

 212.0016,

 0.0000, 0.0000,

192.9527, 109.2275

0.0000

256.7944,
235.8757, 139.9461

■ 33.0396, 26.3988,
6.8441

■ 33.0396, 26.3988,
6.8441

■ 31.3123, 23.5662,
4.3521

■ 35.1649, 29.6938,
10.4992

■ 29.9453, 21.1656,
2.8679

■ 37.7169, 33.4702,
15.4429

■ 29.2685, 19.9223,
2.3028

■ 40.7234, 37.7506,
21.7860

■ 44.2087, 42.5549,
29.6266

■ 48.1955, 47.9015,
39.0541

■ 52.7046, 53.8079,
50.1507

■ 57.7558, 60.2908,
62.9929

■ 63.3677, 67.3663,
77.6523

■ 69.5579, 75.0494,
94.1967

Harmonies

Analogous

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



39.0875, 26.3988, 14.2165



33.0396, 26.3988, 6.8441



25.6340, 26.3988, 4.7995

Triad

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



33.0396, 26.3988, 6.8441



13.8479, 26.3988, 27.2280



31.9310, 26.3988, 78.5504

Complementary

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



33.0396, 26.3988, 6.8441



23.0312, 25.5877, 63.3993

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.



24.5562, 26.3988, 87.5095



33.0396, 26.3988, 6.8441



14.9123, 26.3988, 50.8168

Square

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



33.0396, 26.3988, 6.8441



15.2965, 26.3988, 12.6094



18.5323, 26.3988, 75.5723



38.3678, 26.3988, 54.8261

Rectangle

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



33.0396, 26.3988, 6.8441



21.1918, 26.3988, 5.3691



18.5323, 26.3988, 75.5723



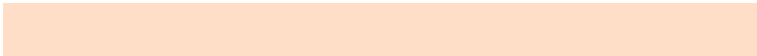
29.4420, 26.3988, 83.7645

Sweetspot

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



33.0402, 26.4002, 6.8446



77.6192, 77.5428, 64.8483



32.5511, 18.1361, 29.1427



16.2165, 16.0716, 12.9196



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.



33.0402, 26.4002, 6.8446



48.2755, 34.9948, 5.3120



45.6598, 51.6394, 11.0511



12.2002, 12.5912, 12.3994



18.3317, 12.5963, 1.4651



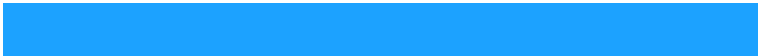
1.1022, 0.8587, 0.1077

Inverse Universe

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



23.0312, 25.5877, 63.3993



31.4769, 33.3608, 99.3880



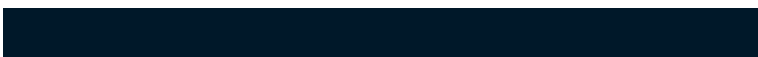
15.0594, 9.6442, 60.7420



11.7359, 12.5621, 15.0498



11.5999, 11.8464, 38.8677



0.7256, 0.8164, 2.1989

Previews

White Background



This preview shows how the XYZ color 33.0396, 26.3988, 6.8441 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 33.0396, 26.3988, 6.8441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

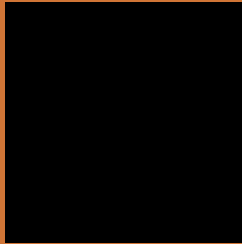
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0396, 26.3988, 6.8441

Background



This preview shows how black text looks on a background with the XYZ color 33.0396, 26.3988, 6.8441.



This preview shows how white text looks on a background with the XYZ color 33.0396, 26.3988,

6.8441.

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

33.0396, 26.3988, 6.8441

Protanopia

24.2718, 26.5548, 8.2612

Deuteranopia

26.9840, 26.5021, 6.5989



Tritanopia

35.7099, 26.3088, 20.3355

Trichromacy



Original Color

33.0396, 26.3988, 6.8441

Protanomaly

26.9195, 26.0381, 7.6100

Deuteranomaly

29.0558, 26.3687, 6.6902

Tritanomaly

34.5490, 26.3381, 14.0893

Monochromacy



Original Color

33.0396, 26.3988, 6.8441

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.7407, 24.8133, 17.3427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0396, 26.3988, 6.8441 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, 117, 54)` looks like.

```
.text, #text, p{  
    color:rgb(208, 117, 54)  
}
```

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, 117, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 117, 54) }
```

Border

The CSS property to change the border of an element to XYZ 33.0396, 26.3988, 6.8441 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, 117, 54) }
```


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

```
.border{ border-color:rgb(208, 117, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 117, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 117, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 117, 54);  
box-shadow:4px 4px 4px 4px rgb(208, 117,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0396, 26.3988, 6.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 117, 54) }
```

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

```
.background{ background-color: rgb(208,  
117, 54) }
```

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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