

Converting Colors

XYZ(33.0388, 26.3758, 4.1607)

Have a look what the booklet for
XYZ(33.0388, 26.3758, 4.1607)
contains.

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Color

**XYZ(33.0943, 26.4861,
4.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	D27517
RGB	210, 117, 23
RGB Percent	82%, 46%, 9%
CMY	0.1765, 0.5412, 0.9098
CMYK	0.00, 0.44, 0.89, 0.18
HSL	30°, 80%, 46%
HSV	30°, 89%, 82%
XYZ	33.0943, 26.4861, 4.1787
YIQ	134.0910, 85.6020, -9.5180

Conversions

Conversions Part 2

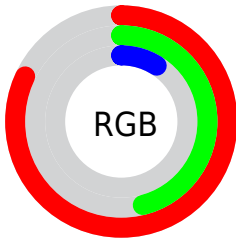
Format	Color
RYB	208, 210, 23
Decimal	13792535
CIELab	58.50, 30.65, 60.98
CIElCh	58, 68.250, 63.311
Yxy	26.4861, 0.5191, 0.4154
Android (android.graphics.Color)	4291982615 (0xFFD27517)
YUV	134.0910, -54.7679, 66.5722
Hunter-Lab	51.4646, 24.7211, 31.2112

Details

The XYZ color **33.0943, 26.4861, 4.1787** 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 **18.2313, 17.3255, 63.3555**, and the grayscale version is **22.8675, 24.0584, 26.1996**.

A 20% lighter version of the original color is **57.0260, 50.5740, 14.1533**, and **14.4016, 10.4039, 1.2491** is the 20% darker color. If you saturate the color by 10%, you get **31.8014, 24.1305, 3.0391**, and if you desaturate by 10%, it is **34.6804, 29.1786, 6.1875**.

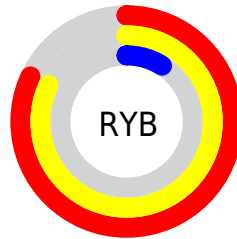
Distribution



Red (82%)

Green (46%)

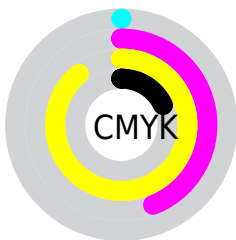
Blue (9%)



Red (82%)

Yellow (82%)

Blue (9%)

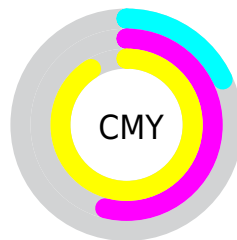


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (18%)



Cyan (18%)


Magenta (54%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0943, 26.4861, 4.1787 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 33.0943, 26.4861, 4.1787 by changing the saturation by 10% instead.


 33.0943, 26.4861,
4.1787


 33.0943, 26.4861,
4.1787

307.7319,
285.1602, 150.1914


 22.3583, 17.1876,
1.7239


 63.8764, 54.0581,
14.4198

 14.2385, 10.3684,
0.3770


 84.6532, 73.1005,
23.0432


 8.3695, 5.6439,
0.0000


 109.5077, 96.1596,
34.5599

 4.3861, 2.6298,
0.0000

 138.8051,
123.6198, 49.3884

 1.9228, 0.9417,
0.0000

 172.9109,
155.8656, 67.9473

 0.5900, 0.0000,
0.0000

 212.1904,

 0.0000, 0.0000,

193.2814, 90.6550

0.0000

257.0089,
236.2514, 117.9302

33.0943, 26.4861,
4.1787

33.0943, 26.4861,
4.1787

31.8014, 24.1305,
3.0391

34.6804, 29.1786,
6.1875

31.6876, 23.9204,
2.9470

36.6056, 32.2295,
9.2933

38.9008, 35.6590,
13.6376

41.5925, 39.4837,
19.3401

44.7042, 43.7192,
26.5060

■ 48.2573, 48.3795,
35.2303

■ 52.2714, 53.4784,
45.5996

■ 56.7651, 59.0284,
57.6944

■ 61.7556, 65.0419,
71.5895

Harmonies

Analogous

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



41.1132, 26.4861, 10.2423



33.0943, 26.4861, 4.1787



24.2584, 26.4861, 2.9848

Triad

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



33.0943, 26.4861, 4.1787



12.3087, 26.4861, 31.5766



35.0591, 26.4861, 86.8450

Complementary

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



33.0943, 26.4861, 4.1787



18.2313, 17.3255, 63.3555

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.



26.1129, 26.4861, 103.3879



33.0943, 26.4861, 4.1787



14.0010, 26.4861, 62.1712

Square

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



33.0943, 26.4861, 4.1787



13.3833, 26.4861, 12.7264



18.6308, 26.4861, 92.5009



42.4125, 26.4861, 54.8075

Rectangle

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



33.0943, 26.4861, 4.1787



19.3412, 26.4861, 3.8707



18.6308, 26.4861, 92.5009



32.0759, 26.4861, 95.0140

Sweetspot

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



33.0949, 26.4875, 4.1792



75.9122, 76.3982, 57.2834



30.0663, 15.5872, 18.1005



15.8147, 15.7930, 11.1675



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.



33.0949, 26.4875, 4.1792



48.9837, 36.7475, 4.5112



49.7792, 59.8562, 9.7406



12.2928, 12.7762, 12.4302



19.4298, 14.7926, 1.8312



1.1657, 0.9858, 0.1288

Inverse Universe

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



18.2313, 17.3255, 63.3555



25.6151, 22.3502, 97.5717



12.2927, 5.4483, 61.3760



11.6423, 12.3749, 15.0186



10.2426, 9.1319, 38.4153



0.6521, 0.6693, 2.1744

Previews

White Background



This preview shows how the XYZ color 33.0943, 26.4861, 4.1787 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 33.0943, 26.4861, 4.1787 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 33.0943, 26.4861, 4.1787

Background



This preview shows how black text looks on a background with the XYZ color 33.0943, 26.4861, 4.1787.



This preview shows how white text looks on a background with the XYZ color 33.0943, 26.4861,

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

33.0943, 26.4861, 4.1787

Protanopia

24.2054, 26.8107, 5.1275

Deuteranopia

27.1155, 26.6339, 3.7117



Tritanopia

36.4111, 26.5178, 20.0290

Trichromacy



Original Color

33.0943, 26.4861, 4.1787

Protanomaly

26.9455, 26.3192, 4.6968

Deuteranomaly

28.9982, 26.4030, 3.7977

Tritanomaly

34.7961, 26.3590, 11.4375

Monochromacy



Original Color

33.0943, 26.4861, 4.1787

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.6398, 23.9279, 13.9096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0943, 26.4861, 4.1787 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(210, 117, 23)` looks like.

```
.text, #text, p{  
    color:rgb(210, 117, 23)  
}
```

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(210, 117, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 117, 23) }
```

Border

The CSS property to change the border of an element to XYZ 33.0943, 26.4861, 4.1787 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(210, 117, 23) }
```


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

```
.border{ border-color:rgb(210, 117, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 117, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 117, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 117, 23);  
box-shadow:4px 4px 4px 4px rgb(210, 117,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0943, 26.4861, 4.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 117, 23) }
```

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

```
.background{ background-color: rgb(210,  
117, 23) }
```

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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