

Converting Colors

XYZ(26.3948, 15.8233, 1.6630)

Have a look what the booklet for
XYZ(26.3948, 15.8233, 1.6630)
contains.

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Color

**XYZ(26.4149, 15.8635,
1.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	CC3A00
RGB	204, 58, 0
RGB Percent	80%, 23%, 0%
CMY	0.2000, 0.7725, 1.0000
CMYK	0.00, 0.72, 1.00, 0.20
HSL	17°, 100%, 40%
HSV	17°, 100%, 80%
XYZ	26.4149, 15.8635, 1.6697
YIQ	95.0420, 105.6340, 12.9140

Conversions

Conversions Part 2

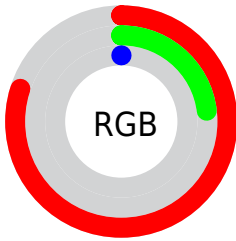
Format	Color
RYB	204, 81, 0
Decimal	13384192
CIELab	46.79, 55.62, 58.58
CIELCh	47, 80.781, 46.482
Yxy	15.8635, 0.6010, 0.3610
Android (android.graphics.Color)	4291574272 (0xFFCC3A00)
YUV	95.0420, -46.8557, 95.5562
Hunter-Lab	39.8290, 48.6818, 25.3948

Details

The XYZ color **26.4149, 15.8635, 1.6697** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **21.1763, 24.9141, 60.8191**, and the grayscale version is **10.9794, 11.5512, 12.5792**.

A 20% lighter version of the original color is **47.9958, 33.5900, 7.8248**, and **10.8152, 5.5754, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **26.4152, 15.8644, 1.6699**, and if you desaturate by 10%, it is **27.3885, 17.6032, 2.6349**.

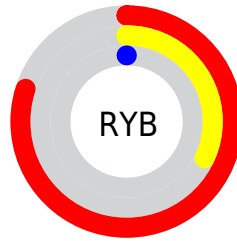
Distribution



Red (80%)

Green (23%)

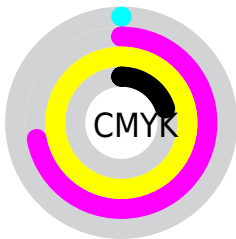
Blue (0%)



Red (80%)

Yellow (32%)

Blue (0%)

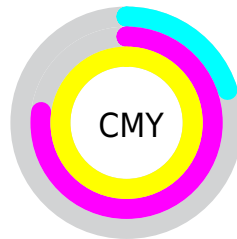


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (77%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4149, 15.8635, 1.6697 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 26.4149, 15.8635, 1.6697 by changing the saturation by 10% instead.


 26.4149, 15.8635,
1.6697


 26.4149, 15.8635,
1.6697


 277.0324,
228.5349, 117.0166


 17.2686, 9.4276,
0.3398


 53.3701, 36.3611,
8.1164


 10.5227, 5.0211,
0.0000


 71.9097, 51.1915,
14.1954


 5.8118, 2.2597,
0.0000

 94.3110, 69.5890,
22.7362

 2.7705, 0.7522,
0.0000

 120.9396, 91.9379,
34.1574

 1.0336, 0.0000,
0.0000


 152.1606,
118.6225, 48.8775


 0.0000, 0.0000,
0.0000


 188.3395,


150.0273, 67.3150


 229.8417,
186.5366, 89.8886


 26.4149, 15.8635,
1.6697


 26.4149, 15.8635,
1.6697


 26.4152, 15.8644,
1.6699

 27.3885, 17.6032,
2.6349

 28.7235, 19.8462,
4.3964

 30.4818, 22.6413,
7.2069

 32.7018, 26.0251,
11.2030

 35.4170, 30.0306,
16.5003

■ 38.6573, 34.6883,
23.2008

■ 42.4505, 40.0265,
31.3959

■ 46.8219, 46.0718,
41.1695

■ 51.7955, 52.8492,
52.5990

Harmonies

Analogous

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



32.0812, 15.8635, 8.4618



26.4149, 15.8635, 1.6697



18.4588, 15.8635, 0.1495

Triad

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



26.4149, 15.8635, 1.6697



5.3924, 15.8635, 9.7196



19.2413, 15.8635, 87.1981

Complementary

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



26.4149, 15.8635, 1.6697



21.1763, 24.9141, 60.8191

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.



12.1371, 15.8635, 88.7298



26.4149, 15.8635, 1.6697



5.4839, 15.8635, 30.7273

Square

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



26.4149, 15.8635, 1.6697



7.2541, 15.8635, 1.9855



7.5614, 15.8635, 63.2141



27.1388, 15.8635, 59.9158

Rectangle

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



26.4149, 15.8635, 1.6697



13.6046, 15.8635, 0.0291



7.5614, 15.8635, 63.2141



16.6536, 15.8635, 91.2058

Sweetspot

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



26.4152, 15.8645, 1.6699



70.0393, 65.9207, 51.4157



30.1055, 14.9188, 28.5685



14.3958, 13.2756, 9.7068



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.



26.4152, 15.8645, 1.6699



43.5907, 25.9613, 2.7136



37.4377, 37.9095, 5.3441



11.4678, 11.7246, 11.7381



16.6954, 10.1237, 1.0741



0.9268, 0.6534, 0.0773

Inverse Universe

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



21.1763, 24.9141, 60.8191



34.8779, 40.8758, 100.6593



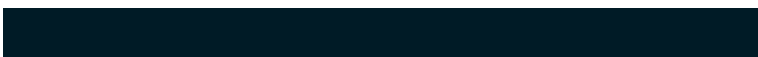
11.8072, 6.1759, 57.6960



11.2632, 12.1669, 14.3252



13.4113, 15.8466, 38.3081



0.7544, 0.9426, 1.9971

Previews

White Background



This preview shows how the XYZ color 26.4149, 15.8635, 1.6697 looks on a white 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

Black Background



This preview shows how the XYZ color 26.4149, 15.8635, 1.6697 looks on a black 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

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

XYZ 26.4149, 15.8635, 1.6697

Background



This preview shows how black text looks on a background with the XYZ color 26.4149, 15.8635, 1.6697.



This preview shows how white text looks on a background with the XYZ color 26.4149, 15.8635,

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

26.4149, 15.8635, 1.6697

Protanopia

14.5530, 16.0858, 3.1485

Deuteranopia

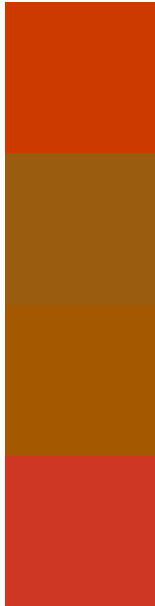
16.1385, 15.9708, 2.2321



Tritanopia

27.2098, 15.9030, 5.3768

Trichromacy



Original Color

26.4149, 15.8635, 1.6697

Protanomaly

17.2398, 14.5588, 2.3534

Deuteranomaly

18.8822, 15.0373, 1.9073

Tritanomaly

26.8615, 15.8389, 3.3105

Monochromacy



Original Color

26.4149, 15.8635, 1.6697

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.8246, 11.5117, 5.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4149, 15.8635, 1.6697 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(204, 58, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 58, 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(204, 58, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 58, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4149, 15.8635, 1.6697 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(204, 58, 0) }
```


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

```
.border{ border-color:rgb(204, 58, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 58, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 58, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 58, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 58, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4149, 15.8635, 1.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 58, 0) }
```

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

```
.background{ background-color: rgb(204, 58,  
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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