

Converting Colors

XYZ(26.4585, 15.6504, 0.6598)

Have a look what the booklet for
XYZ(26.4585, 15.6504, 0.6598)
contains.

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Color

**XYZ(26.4960, 15.6175,
1.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	CD3600
RGB	205, 54, 0
RGB Percent	80%, 21%, 0%
CMY	0.1961, 0.7882, 1.0000
CMYK	0.00, 0.74, 1.00, 0.20
HSL	16°, 100%, 40%
HSV	16°, 100%, 80%
XYZ	26.4960, 15.6175, 1.6180
YIQ	92.9930, 107.3300, 15.2180

Conversions

Conversions Part 2

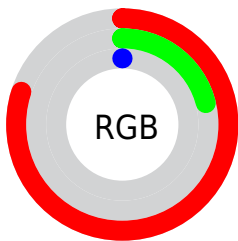
Format	Color
RYB	205, 73, 0
Decimal	13448704
CIELab	46.47, 57.36, 58.53
CIElCh	46, 81.957, 45.578
Yxy	15.6175, 0.6059, 0.3571
Android (android.graphics.Color)	4291638784 (0xFFCD3600)
YUV	92.9930, -45.8455, 98.2301
Hunter-Lab	39.5190, 50.5194, 25.2358

Details

The XYZ color **26.4960, 15.6175, 1.6180** 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 **22.0844, 26.5378, 61.7154**, and the grayscale version is **10.4902, 11.0365, 12.0187**.

A 20% lighter version of the original color is **47.6630, 32.9243, 7.7138**, and **10.9845, 5.6627, 0.5141** is the 20% darker color. If you saturate the color by 10%, you get **26.4962, 15.6183, 1.6181**, and if you desaturate by 10%, it is **27.4423, 17.3012, 2.5786**.

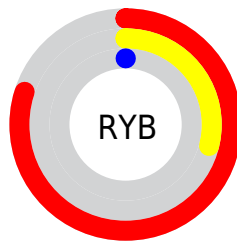
Distribution



Red (80%)

Green (21%)

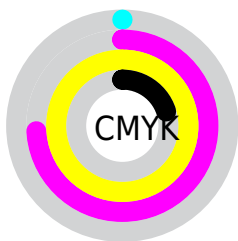
Blue (0%)



Red (80%)

Yellow (29%)

Blue (0%)

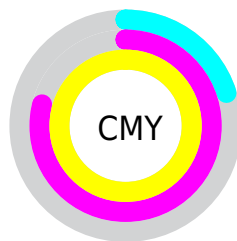


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (79%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4960, 15.6175, 1.6180 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 26.4960, 15.6175, 1.6180 by changing the saturation by 10% instead.

 26.4960, 15.6175,
1.6180


 26.4960, 15.6175,
1.6180


 277.4207,
227.0740, 116.1308


 17.3297, 9.2539,
0.3036


 53.4997, 35.9329,
7.9674


 10.5666, 4.9072,
0.0000


 72.0677, 50.6534,
13.9789

 5.8413, 2.1929,
0.0000

 94.5004, 68.9285,
22.4396

 2.7886, 0.7161,
0.0000

 121.1631, 91.1423,
33.7681

 1.0430, 0.0000,
0.0000


 152.4211,
117.6794, 48.3829


 0.0000, 0.0000,
0.0000


 188.6398,


148.9241, 66.7026


 230.1846,
185.2608, 89.1458


 26.4960, 15.6175,
1.6180


 26.4960, 15.6175,
1.6180


 26.4962, 15.6183,
1.6181

 27.4423, 17.3012,
2.5786

 28.7635, 19.5124,
4.3483

 30.5236, 22.3036,
7.1824

 32.7631, 25.7150,
11.2198

 35.5170, 29.7826,
16.5780

■ 38.8171, 34.5395,
23.3605

■ 42.6923, 40.0167,
31.6604

■ 47.1693, 46.2428,
41.5626

■ 52.2733, 53.2454,
53.1461

Harmonies

Analogous

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



32.1028, 15.6175, 8.5651



26.4960, 15.6175, 1.6180



18.4822, 15.6175, 0.0520

Triad

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



26.4960, 15.6175, 1.6180



5.2061, 15.6175, 9.0531



18.7897, 15.6175, 88.5034

Complementary

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



26.4960, 15.6175, 1.6180



22.0844, 26.5378, 61.7154

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.



11.7175, 15.6175, 89.1138



26.4960, 15.6175, 1.6180



5.2414, 15.6175, 29.7053

Square

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



26.4960, 15.6175, 1.6180



7.1152, 15.6175, 1.7362



7.2344, 15.6175, 62.5268



26.7816, 15.6175, 61.2164

Rectangle

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



26.4960, 15.6175, 1.6180



13.5650, 15.6175, 0.0000



7.2344, 15.6175, 62.5268



16.2009, 15.6175, 92.2867

Sweetspot

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



26.4963, 15.6185, 1.6182



69.6703, 65.1827, 51.2927



30.9886, 15.3038, 31.7835



14.3103, 13.1045, 9.6783



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.



26.4963, 15.6185, 1.6182



43.2581, 25.2961, 2.6027



36.6910, 36.0078, 5.0165



11.4487, 11.6863, 11.7317



16.5619, 9.8568, 1.0296



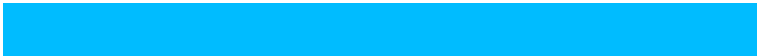
0.9180, 0.6356, 0.0743

Inverse Universe

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



22.0844, 26.5378, 61.7154



35.9941, 43.1082, 101.0314



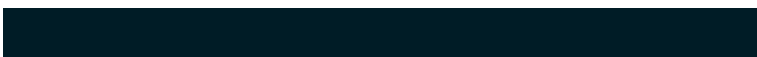
12.2142, 6.7975, 58.4253



11.2835, 12.2074, 14.3319



13.8295, 16.6830, 38.4475



0.7733, 0.9803, 2.0034

Previews

White Background



This preview shows how the XYZ color 26.4960, 15.6175, 1.6180 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 26.4960, 15.6175, 1.6180 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 26.4960, 15.6175, 1.6180

Background



This preview shows how black text looks on a background with the XYZ color 26.4960, 15.6175, 1.6180.



This preview shows how white text looks on a background with the XYZ color 26.4960, 15.6175,

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

26.4960, 15.6175, 1.6180

Protanopia

14.2965, 15.7907, 3.1050

Deuteranopia

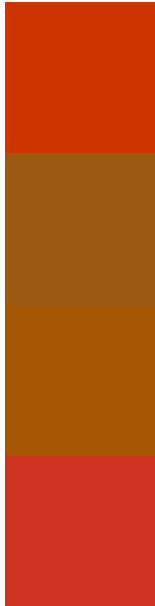
15.8668, 15.6786, 2.1900



Tritanopia

27.2140, 15.6509, 4.8354

Trichromacy



Original Color

26.4960, 15.6175, 1.6180

Protanomaly

17.0688, 14.2168, 2.2964

Deuteranomaly

18.6376, 14.5481, 1.8258

Tritanomaly

26.9119, 15.5993, 3.0314

Monochromacy



Original Color

26.4960, 15.6175, 1.6180

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.4169, 10.9761, 5.5491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4960, 15.6175, 1.6180 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(205, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 54, 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(205, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 54, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4960, 15.6175, 1.6180 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(205, 54, 0) }
```


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

```
.border{ border-color:rgb(205, 54, 0) }
```

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

Here you see how a box with a 4 pixel rgb(205, 54, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 54, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4960, 15.6175, 1.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 54, 0) }
```

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

```
.background{ background-color: rgb(205, 54,  
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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