

Converting Colors

XYZ(26.1063, 15.7678, 1.6675)

Have a look what the booklet for
XYZ(26.1063, 15.7678, 1.6675)
contains.

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Color

**XYZ(26.1926, 15.8244,
1.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3B00
RGB	203, 59, 0
RGB Percent	80%, 23%, 0%
CMY	0.2039, 0.7686, 1.0000
CMYK	0.00, 0.71, 1.00, 0.20
HSL	17°, 100%, 40%
HSV	17°, 100%, 80%
XYZ	26.1926, 15.8244, 1.6739
YIQ	95.3300, 104.7630, 12.1790

Conversions

Conversions Part 2

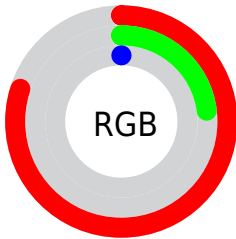
Format	Color
RYB	203, 83, 0
Decimal	13318912
CIELab	46.74, 54.93, 58.45
CIElCh	47, 80.208, 46.778
Yxy	15.8244, 0.5995, 0.3622
Android (android.graphics.Color)	4291508992 (0xFFCB3B00)
YUV	95.3300, -46.9977, 94.4266
Hunter-Lab	39.7799, 47.9164, 25.3511

Details

The XYZ color **26.1926, 15.8244, 1.6739** 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 **20.7515, 24.2559, 60.0878**, and the grayscale version is **11.0492, 11.6247, 12.6592**.

A 20% lighter version of the original color is **48.1093, 33.8169, 7.8626**, and **10.6475, 5.4890, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **26.1928, 15.8252, 1.6741**, and if you desaturate by 10%, it is **27.1669, 17.5670, 2.6349**.

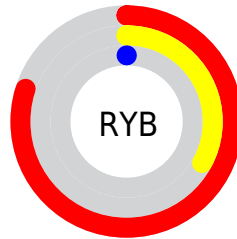
Distribution



Red (80%)

Green (23%)

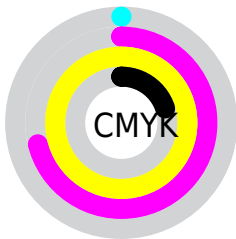
Blue (0%)



Red (80%)

Yellow (33%)

Blue (0%)

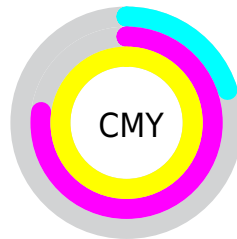


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (77%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1926, 15.8244, 1.6739 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 26.1926, 15.8244, 1.6739 by changing the saturation by 10% instead.


 26.1926, 15.8244,
1.6739


 26.1926, 15.8244,
1.6739


 275.9657,
228.3033, 117.0880


 17.1012, 9.4000,
0.3428


 53.0146, 36.2931,
8.1284


 10.4024, 5.0030,
0.0000


 71.4759, 51.1061,
14.2129

 5.7309, 2.2490,
0.0000

 93.7912, 69.4842,
22.7601

 2.7212, 0.7465,
0.0000

 120.3259, 91.8116,
34.1888

 1.0081, 0.0000,
0.0000


 151.4454,
118.4729, 48.9174


 0.0000, 0.0000,
0.0000


 187.5149,


149.8523, 67.3644


 228.8999,
186.3343, 89.9484


 26.1926, 15.8244,
1.6739


 26.1926, 15.8244,
1.6739


 26.1928, 15.8252,
1.6741

 27.1669, 17.5670,
2.6349

 28.4958, 19.8017,
4.3818

 30.2399, 22.5758,
7.1648

 32.4367, 25.9245,
11.1187

 35.1191, 29.8799,
16.3576

■ 38.3164, 34.4713,
22.9822

■ 42.0554, 39.7260,
31.0826

■ 46.3611, 45.6699,
40.7416

■ 51.2567, 52.3271,
52.0357

Harmonies

Analogous

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



31.8357, 15.8244, 8.3660



26.1926, 15.8244, 1.6739



18.3139, 15.8244, 0.1755

Triad

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



26.1926, 15.8244, 1.6739



5.4124, 15.8244, 9.8664



19.2436, 15.8244, 86.1369

Complementary

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



26.1926, 15.8244, 1.6739



20.7515, 24.2559, 60.0878

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.



12.1826, 15.8244, 87.9487



26.1926, 15.8244, 1.6739



5.5219, 15.8244, 30.8297

Square

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



26.1926, 15.8244, 1.6739



7.2447, 15.8244, 2.0549



7.6114, 15.8244, 62.9648



27.0515, 15.8244, 59.0596

Rectangle

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



26.1926, 15.8244, 1.6739



13.5160, 15.8244, 0.0660



7.6114, 15.8244, 62.9648



16.6758, 15.8244, 90.1855

Sweetspot

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



26.1929, 15.8254, 1.6741



70.1516, 66.1453, 51.4531



29.7767, 14.7558, 28.2627



14.4219, 13.3277, 9.7154



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.



26.1929, 15.8254, 1.6741



43.6970, 26.1741, 2.7490



37.0295, 37.4985, 5.2863



11.4736, 11.7361, 11.7400



16.7379, 10.2087, 1.0883



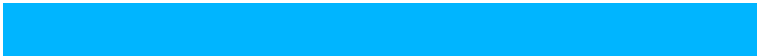
0.9296, 0.6589, 0.0782

Inverse Universe

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



20.7515, 24.2559, 60.0878



34.5488, 40.2175, 100.5496



11.6796, 6.1120, 57.0638



11.2571, 12.1547, 14.3231



13.2879, 15.5998, 38.2670



0.7489, 0.9315, 1.9953

Previews

White Background



This preview shows how the XYZ color 26.1926, 15.8244, 1.6739 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



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 26.1926, 15.8244, 1.6739

Background



This preview shows how black text looks on a background with the XYZ color 26.1926, 15.8244, 1.6739.



This preview shows how white text looks on a background with the XYZ color 26.1926, 15.8244,

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

26.1926, 15.8244, 1.6739

Protanopia

14.5432, 16.0819, 3.0967

Deuteranopia

16.1385, 15.9708, 2.2321



Tritanopia

27.0065, 15.8652, 5.5098

Trichromacy



Original Color

26.1926, 15.8244, 1.6739

Protanomaly

17.3200, 14.7304, 2.3459

Deuteranomaly

18.8822, 15.0373, 1.9073

Tritanomaly

26.6345, 15.7931, 3.3136

Monochromacy



Original Color

26.1926, 15.8244, 1.6739

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.6644, 11.4292, 5.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1926, 15.8244, 1.6739 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(203, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 59, 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(203, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 59, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.1926, 15.8244, 1.6739 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(203, 59, 0) }
```


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

```
.border{ border-color:rgb(203, 59, 0) }
```

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

Here you see how a box with a 4 pixel rgb(203, 59, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 59, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 59, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 59, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1926, 15.8244, 1.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 59, 0) }
```

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

```
.background{ background-color: rgb(203, 59,  
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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