

Converting Colors

XYZ(26.2117, 16.7915, 1.8596)

Have a look what the booklet for
XYZ(26.2117, 16.7915, 1.8596)
contains.

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Color

**XYZ(26.2776, 16.7978,
1.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	C94600
RGB	201, 70, 0
RGB Percent	79%, 27%, 0%
CMY	0.2118, 0.7255, 1.0000
CMYK	0.00, 0.65, 1.00, 0.21
HSL	21°, 100%, 39%
HSV	21°, 100%, 79%
XYZ	26.2776, 16.7978, 1.8573
YIQ	101.1890, 100.5460, 6.0020

Conversions

Conversions Part 2

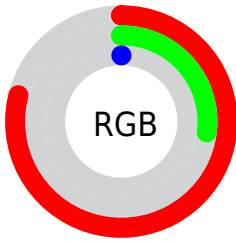
Format	Color
RYB	201, 107, 0
Decimal	13190656
CIELab	48.00, 49.85, 58.87
CIElCh	48, 77.137, 49.744
Yxy	16.7978, 0.5848, 0.3738
Android (android.graphics.Color)	4291380736 (0xFFC94600)
YUV	101.1890, -49.8862, 87.5342
Hunter-Lab	40.9851, 42.7213, 26.0028

Details

The XYZ color **26.2776, 16.7978, 1.8573** 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 **18.6581, 20.4480, 58.2216**, and the grayscale version is **12.5262, 13.1785, 14.3514**.

A 20% lighter version of the original color is **49.2371, 35.9911, 8.4896**, and **10.5246, 5.4901, 0.5050** is the 20% darker color. If you saturate the color by 10%, you get **26.2778, 16.7986, 1.8575**, and if you desaturate by 10%, it is **27.3159, 18.6713, 2.8308**.

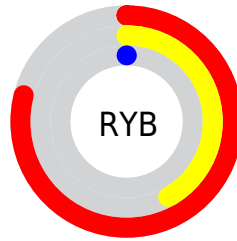
Distribution



Red (79%)

Green (27%)

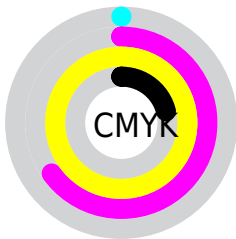
Blue (0%)



Red (79%)

Yellow (42%)

Blue (0%)

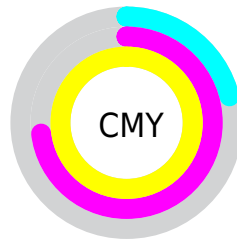


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2776, 16.7978, 1.8573 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 26.2776, 16.7978, 1.8573 by changing the saturation by 10% instead.


 26.2776, 16.7978,
1.8573


 26.2776, 16.7978,
1.8573


 276.3739,
234.0045, 120.1201


 17.1652, 10.0904,
0.4654


 53.1506, 37.9778,
8.6469


 10.4484, 5.4590,
0.0000


 71.6418, 53.2192,
14.9627


 5.7618, 2.5190,
0.0000

 93.9901, 72.0741,
23.7839

 2.7401, 0.8861,
0.0000

 120.5607, 94.9269,
35.5291

 1.0178, 0.0000,
0.0000


 151.7191,
122.1619, 50.6167


 0.0000, 0.0000,
0.0000


 187.8305,


154.1636, 69.4654


 229.2603,
191.3163, 92.4937


 26.2776, 16.7978,
1.8573


 26.2776, 16.7978,
1.8573


 26.2778, 16.7986,
1.8575

 27.3159, 18.6713,
2.8308

 28.6755, 20.9755,
4.5629

 30.4123, 23.7496,
7.2982

 32.5596, 27.0214,
11.1672

 35.1465, 30.8164,
16.2802

■ 38.1990, 35.1580,
22.7344

■ 41.7410, 40.0679,
30.6172

■ 45.7944, 45.5668,
40.0085

■ 50.3800, 51.6742,
50.9822

Harmonies

Analogous

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



32.1788, 16.7978, 8.1518



26.2776, 16.7978, 1.8573



18.4708, 16.7978, 0.4797

Triad

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



26.2776, 16.7978, 1.8573



6.0808, 16.7978, 12.2759



20.9308, 16.7978, 83.3480

Complementary

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



26.2776, 16.7978, 1.8573



18.6581, 20.4480, 58.2216

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.



13.6982, 16.7978, 87.9436



26.2776, 16.7978, 1.8573



6.3871, 16.7978, 34.5475

Square

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



26.2776, 16.7978, 1.8573



7.7711, 16.7978, 3.0149



8.7812, 16.7978, 65.9521



28.5223, 16.7978, 55.9551

Rectangle

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



26.2776, 16.7978, 1.8573



13.8047, 16.7978, 0.4714



8.7812, 16.7978, 65.9521



18.3414, 16.7978, 88.1130

Sweetspot

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



26.2780, 16.7988, 1.8576



71.1920, 68.2262, 51.7999



28.3904, 14.1387, 23.7872



14.6640, 13.8118, 9.7961



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.



26.2780, 16.7988, 1.8576



44.7969, 28.3739, 3.1156



37.9978, 40.2385, 5.7642



10.9310, 11.2311, 11.1544



16.6005, 10.7182, 1.1939



0.8539, 0.6433, 0.0792

Inverse Universe

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



18.6581, 20.4480, 58.2216



31.7200, 34.5600, 99.6067



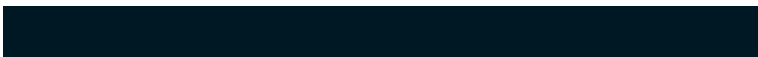
11.1005, 5.3328, 55.7024



10.6238, 11.4216, 13.5622



11.8199, 13.0337, 36.6371



0.6256, 0.7490, 1.7567

Previews

White Background



This preview shows how the XYZ color 26.2776, 16.7978, 1.8573 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 26.2776, 16.7978, 1.8573 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 26.2776, 16.7978, 1.8573

Background



This preview shows how black text looks on a background with the XYZ color 26.2776, 16.7978, 1.8573.



This preview shows how white text looks on a background with the XYZ color 26.2776, 16.7978,

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

26.2776, 16.7978, 1.8573

Protanopia

15.3194, 16.9827, 3.1800

Deuteranopia

17.1457, 16.9570, 2.3694



Tritanopia

27.3216, 16.7668, 7.4265

Trichromacy



Original Color

26.2776, 16.7978, 1.8573

Protanomaly

18.0521, 15.9213, 2.5024

Deuteranomaly

19.6093, 16.1838, 2.0903

Tritanomaly

26.8189, 16.7527, 4.2030

Monochromacy



Original Color

26.2776, 16.7978, 1.8573

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

14.8981, 13.0009, 6.5747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2776, 16.7978, 1.8573 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(201, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 70, 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(201, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 70, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2776, 16.7978, 1.8573 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(201, 70, 0) }
```


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

```
.border{ border-color:rgb(201, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(201, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2776, 16.7978, 1.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 70, 0) }
```

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

```
.background{ background-color: rgb(201, 70,  
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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