

Converting Colors

XYZ(26.9315, 16.1332, 2.8570)

Have a look what the booklet for
XYZ(26.9315, 16.1332, 2.8570)
contains.

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Color

**XYZ(26.9117, 16.0940,
2.8504)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CD3A1D |
| RGB | 205, 58, 29 |
| RGB Percent | 80%, 23%, 11% |
| CMY | 0.1961, 0.7725, 0.8863 |
| CMYK | 0.00, 0.72, 0.86, 0.20 |
| HSL | 10°, 75%, 46% |
| HSV | 10°, 86%, 80% |
| XYZ | 26.9117, 16.0940, 2.8504 |
| YIQ | 98.6470, 96.9210, 22.1450 |

Conversions

Conversions Part 2

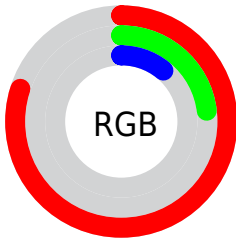
| Format | Color |
|-------------------------------------|--|
| RYB | 205, 64, 29 |
| Decimal | 13449757 |
| CIELab | 47.10, 56.35, 49.40 |
| CIElCh | 47, 74.942, 41.241 |
| Yxy | 16.0940, 0.5869, 0.3510 |
| Android (android.graphics.Color) | 4291639837 (0xFFCD3A1D) |
| YUV | 98.6470, -34.3360, 93.2716 |
| Hunter-Lab | 40.1173, 49.5369, 23.8695 |

Details

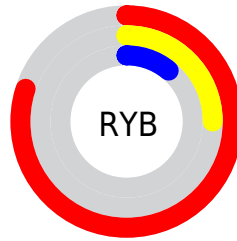
The XYZ color **26.9117, 16.0940, 2.8504** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **27.0493, 35.7153, 63.2253**, and the grayscale version is **11.8385, 12.4550, 13.5635**.

A 20% lighter version of the original color is **48.5969, 33.8304, 10.9898**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **26.0124, 14.5760, 1.6865**, and if you desaturate by 10%, it is **28.2667, 18.2551, 4.9952**.

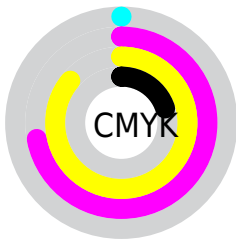
Distribution



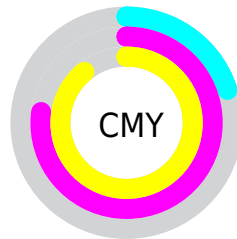
- Red (80%)
- Green (23%)
- Blue (11%)



- Red (80%)
- Yellow (25%)
- Blue (11%)



- Cyan (0%)
- Magenta (72%)
- Yellow (86%)
- Black (20%)





- Cyan (20%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9117, 16.0940, 2.8504 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 26.9117, 16.0940, 2.8504 by changing the saturation by 10% instead.


 26.9117, 16.0940,
2.8504


 26.9117, 16.0940,
2.8504


279.4047,
229.8958, 134.4318


 17.6432, 9.5907,
1.0188


 54.1630, 36.7613,
11.2570


 10.7922, 5.1284,
0.0000


 72.8765, 51.6941,
18.6691


 5.9936, 2.3228,
0.0000


 95.4691, 70.2055,
28.7783

 2.8818, 0.7857,
0.0000

 122.3060, 92.6800,
42.0033

 1.0916, 0.0000,
0.0000

 153.7527,
119.5018, 58.7627


 0.0180, 0.0000,
0.0000


 190.1744,


 0.0000, 0.0000,


151.0555, 79.4748


0.0000


 231.9367,
187.7253, 104.5584


 26.9117, 16.0940,
2.8504


 26.9117, 16.0940,
2.8504


 26.0124, 14.5760,
1.6865

 28.2667, 18.2551,
4.9952

 25.7427, 14.1112,
1.3669

 30.1312, 21.1194,
8.2828

 32.5521, 24.7429,
12.8451

 35.5701, 29.1752,
18.7956

 39.2225, 34.4615,
26.2354

■ 43.5430, 40.6436,
35.2558

■ 48.5631, 47.7608,
45.9412

■ 54.3124, 55.8496,
58.3695

■ 60.8186, 64.9449,
72.6141

Harmonies

Analogous

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



31.3535, 16.0940, 11.3698



26.9117, 16.0940, 2.8504



19.7345, 16.0940, 0.7160

Triad

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



26.9117, 16.0940, 2.8504



6.1757, 16.0940, 8.2667



17.8965, 16.0940, 82.4491

Complementary

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



26.9117, 16.0940, 2.8504



27.0493, 35.7153, 63.2253

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.



11.5799, 16.0940, 79.0457



26.9117, 16.0940, 2.8504



5.9442, 16.0940, 25.5733

Square

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



26.9117, 16.0940, 2.8504



8.3834, 16.0940, 1.9623



7.6224, 16.0940, 53.8801



25.2388, 16.0940, 61.2973

Rectangle

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



26.9117, 16.0940, 2.8504



15.0247, 16.0940, 0.4389



7.6224, 16.0940, 53.8801



15.5723, 16.0940, 84.3909

Sweetspot

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



26.9120, 16.0950, 2.8506



70.9611, 66.0577, 56.9839



33.7123, 17.0963, 43.9589



14.6339, 13.3475, 11.0321



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.



26.9120, 16.0950, 2.8506



42.0691, 22.9182, 2.2064



35.2810, 32.8329, 5.6403



11.3593, 11.5075, 11.7019



16.0729, 8.8787, 0.8666



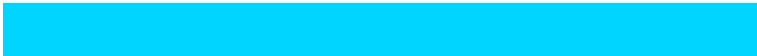
0.8770, 0.5537, 0.0607

Inverse Universe

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



27.0493, 35.7153, 63.2253



41.8361, 54.7922, 102.9787



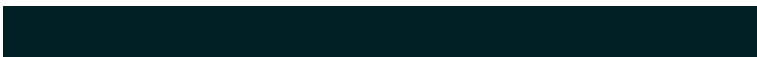
15.2331, 12.0829, 59.2866



11.3798, 12.3999, 14.3640



16.0102, 21.0443, 39.1744



0.8689, 1.1716, 2.0353

Previews

White Background



This preview shows how the XYZ color 26.9117, 16.0940, 2.8504 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 26.9117, 16.0940, 2.8504 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 26.9117, 16.0940, 2.8504

Background



This preview shows how black text looks on a background with the XYZ color 26.9117, 16.0940, 2.8504.



This preview shows how white text looks on a background with the XYZ color 26.9117, 16.0940,

2.8504.

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

26.9117, 16.0940, 2.8504

Protanopia

14.7986, 16.3446, 4.6604

Deuteranopia

16.4130, 16.2662, 2.2746



Tritanopia

27.5583, 16.1496, 5.5356

Trichromacy



Original Color

26.9117, 16.0940, 2.8504

Protanomaly

17.5906, 14.8387, 3.7707

Deuteranomaly

19.1498, 15.1683, 2.2351

Tritanomaly

27.3809, 16.1554, 4.3645

Monochromacy



Original Color

26.9117, 16.0940, 2.8504

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

14.8876, 12.2383, 8.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9117, 16.0940, 2.8504 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, 58, 29)` looks like.

```
.text, #text, p{  
    color:rgb(205, 58, 29)  
}
```

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, 58, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 58, 29) }
```

Border

The CSS property to change the border of an element to XYZ 26.9117, 16.0940, 2.8504 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, 58, 29) }
```


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

```
.border{ border-color:rgb(205, 58, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 58, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 58, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 58, 29);  
box-shadow:4px 4px 4px 4px rgb(205, 58,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9117, 16.0940, 2.8504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 58, 29) }
```

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

```
.background{ background-color: rgb(205, 58,  
29) }
```

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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