

Converting Colors

XYZ(26.5264, 14.3349, 1.8051)

Have a look what the booklet for
XYZ(26.5264, 14.3349, 1.8051)
contains.

XYZ(26.5380, 14.3231, 1.8179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5380, 14.3231,
1.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	D01D0F
RGB	208, 29, 15
RGB Percent	82%, 11%, 6%
CMY	0.1843, 0.8862, 0.9412
CMYK	0.00, 0.86, 0.93, 0.18
HSL	4°, 87%, 44%
HSV	4°, 93%, 82%
XYZ	26.5380, 14.3231, 1.8179
YIQ	80.9250, 111.1780, 33.5940

Conversions

Conversions Part 2

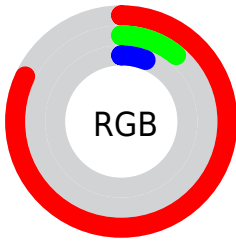
Format	Color
RYB	208, 30, 15
Decimal	13638927
CIELab	44.69, 65.19, 53.53
CIElCh	45, 84.350, 39.388
Yxy	14.3231, 0.6218, 0.3356
Android (android.graphics.Color)	4291829007 (0xFFD01D0F)
YUV	80.9250, -32.5010, 111.4448
Hunter-Lab	37.8459, 58.9362, 23.6442

Details

The XYZ color **26.5380, 14.3231, 1.8179** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **30.8696, 43.2306, 66.3913**, and the grayscale version is **7.8550, 8.2641, 8.9996**.

A 20% lighter version of the original color is **46.3483, 29.9959, 8.1975**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.1846, 13.7545, 1.2748**, and if you desaturate by 10%, it is **27.3973, 15.6753, 3.2349**.

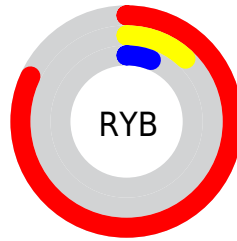
Distribution



Red (82%)

Green (11%)

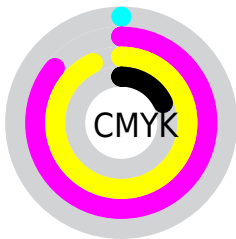
Blue (6%)



Red (82%)

Yellow (12%)

Blue (6%)

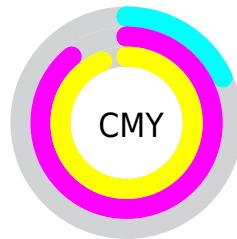


Cyan (0%)

Magenta (86%)

Yellow (93%)

Black (18%)



Cyan (18%)


Magenta (89%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5380, 14.3231, 1.8179 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 26.5380, 14.3231, 1.8179 by changing the saturation by 10% instead.


 26.5380, 14.3231,
1.8179

 26.5380, 14.3231,
1.8179


277.6217,
219.2317, 119.4818


 17.3613, 8.3457,
0.4397


 53.5667, 33.6612,
8.5367


 10.5893, 4.3170,
0.0000


 72.1495, 47.7908,
14.8038


 5.8567, 1.8524,
0.0000

 94.5984, 65.4065,
23.5674

 2.7980, 0.5195,
0.0000

 121.2788, 86.8928,
35.2460


 1.0478, 0.0000,
0.0000


 152.5559,
112.6341, 50.2582


 0.0000, 0.0000,
0.0000


 188.7952,


143.0147, 69.0226


 230.3620,
178.4191, 91.9576


 26.5380, 14.3231,
1.8179


 26.5380, 14.3231,
1.8179


 26.1846, 13.7545,
1.2748

 27.3973, 15.6753,
3.2349

 28.7837, 17.7871,
5.7352

 30.7651, 20.7495,
9.4793

 33.3986, 24.6400,
14.6010

 36.7348, 29.5272,
21.2165

■ 40.8192, 35.4734,
29.4299

■ 45.6935, 42.5357,
39.3361

■ 51.3963, 50.7671,
51.0225

■ 57.9636, 60.2173,
64.5702

Harmonies

Analogous

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



31.1769, 14.3231, 10.2172



26.5380, 14.3231, 1.8179



18.7956, 14.3231, 0.0000

Triad

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



26.5380, 14.3231, 1.8179



4.6338, 14.3231, 5.7299



15.8766, 14.3231, 90.2390

Complementary

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



26.5380, 14.3231, 1.8179



30.8696, 43.2306, 66.3913

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.



9.4841, 14.3231, 84.2245



26.5380, 14.3231, 1.8179



4.3163, 14.3231, 22.5913

Square

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



26.5380, 14.3231, 1.8179



6.8506, 14.3231, 0.8295



5.7617, 14.3231, 53.8553



23.7962, 14.3231, 66.6725

Rectangle

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



26.5380, 14.3231, 1.8179



13.7549, 14.3231, 0.0000



5.7617, 14.3231, 53.8553



13.4734, 14.3231, 91.8697

Sweetspot

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



26.5383, 14.3240, 1.8181



68.0015, 61.0072, 53.3194



36.0484, 17.6976, 53.2245



13.8656, 12.0578, 10.0149



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.



26.5383, 14.3240, 1.8181



41.4649, 21.7097, 2.0050



33.3522, 27.9518, 4.0894



11.8767, 11.9441, 12.2915



16.3466, 8.6262, 0.8035



0.9387, 0.5316, 0.0531

Inverse Universe

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



30.8696, 43.2306, 66.3913



48.1833, 67.4866, 105.0944



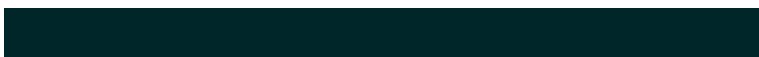
16.0094, 13.5101, 61.4379



12.0818, 13.2539, 15.1651



18.9970, 26.6406, 41.3334



1.0847, 1.5345, 2.3186

Previews

White Background



This preview shows how the XYZ color 26.5380, 14.3231, 1.8179 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 26.5380, 14.3231, 1.8179 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 26.5380, 14.3231, 1.8179

Background



This preview shows how black text looks on a background with the XYZ color 26.5380, 14.3231, 1.8179.



This preview shows how white text looks on a background with the XYZ color 26.5380, 14.3231,

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

26.5380, 14.3231, 1.8179

Protanopia

13.2641, 14.6127, 3.4879

Deuteranopia

14.7430, 14.6536, 2.0514



Tritanopia

26.5925, 14.3064, 2.2240

Trichromacy



Original Color

26.5380, 14.3231, 1.8179

Protanomaly

15.9313, 12.3419, 2.5198

Deuteranomaly

17.4438, 12.7245, 1.6803

Tritanomaly

26.5630, 14.2945, 2.0686

Monochromacy



Original Color

26.5380, 14.3231, 1.8179

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

11.2135, 8.2527, 4.8728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5380, 14.3231, 1.8179 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(208, 29, 15)` looks like.

```
.text, #text, p{  
    color:rgb(208, 29, 15)  
}
```

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(208, 29, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 29, 15) }
```

Border

The CSS property to change the border of an element to XYZ 26.5380, 14.3231, 1.8179 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(208, 29, 15) }
```


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

```
.border{ border-color:rgb(208, 29, 15) }
```

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

Here you see how a box with a 4 pixel rgb(208, 29, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 29, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 29, 15);  
box-shadow:4px 4px 4px 4px rgb(208, 29,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5380, 14.3231, 1.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 29, 15) }
```

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

```
.background{ background-color: rgb(208, 29,  
15) }
```

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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