

Converting Colors

XYZ(26.1422, 13.4614, 1.9200)

Have a look what the booklet for
XYZ(26.1422, 13.4614, 1.9200)
contains.

XYZ(26.1478, 13.4640, 1.9301)	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(26.1478, 13.4640,
1.9301)**

Conversions

Conversions Part 1

Format	Color
Hex	D00015
RGB	208, 0, 21
RGB Percent	82%, 0%, 8%
CMY	0.1843, 0.9998, 0.9176
CMYK	0.00, 1.00, 0.90, 0.18
HSL	354°, 100%, 41%
HSV	354°, 100%, 82%
XYZ	26.1478, 13.4640, 1.9301
YIQ	64.5860, 117.2270, 50.6270

Conversions

Conversions Part 2

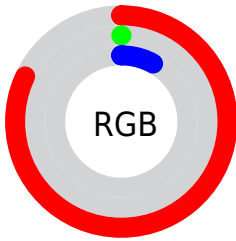
Format	Color
RYB	208, 0, 21
Decimal	13631509
CIELab	43.45, 68.92, 50.36
CIElCh	43, 85.359, 36.155
Yxy	13.4640, 0.6294, 0.3241
Android (android.graphics.Color)	4291821589 (0xFFD00015)
YUV	64.5860, -21.4879, 125.7741
Hunter-Lab	36.6933, 62.9865, 22.5666

Details

The XYZ color **26.1478, 13.4640, 1.9301** 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 **31.5303, 48.7014, 54.7755**, and the grayscale version is **4.9840, 5.2435, 5.7102**.

A 20% lighter version of the original color is **45.6112, 28.3329, 8.5337**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **26.1473, 13.4638, 1.9283**, and if you desaturate by 10%, it is **26.6555, 14.0915, 3.2962**.

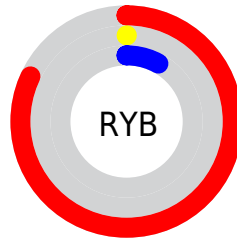
Distribution



Red (82%)

Green (0%)

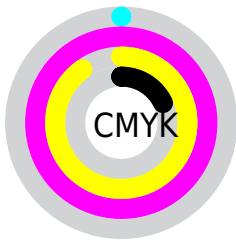
Blue (8%)



Red (82%)

Yellow (0%)

Blue (8%)

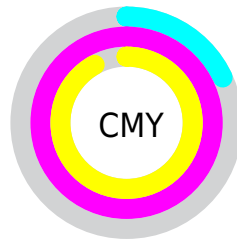


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1478, 13.4640, 1.9301 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 26.1478, 13.4640, 1.9301 by changing the saturation by 10% instead.

 26.1478, 13.4640,
1.9301


 26.1478, 13.4640,
1.9301

275.7503,
213.8704, 121.2818


 17.0675, 7.7488,
0.5118


 52.9429, 32.1349,
8.8488


 10.3782, 3.9347,
0.0000


 71.3884, 45.8594,
15.2534


 5.7146, 1.6371,
0.0000

 93.6863, 63.0225,
24.1795

 2.7113, 0.3824,
0.0000

 120.2021, 84.0086,
36.0456

 1.0030, 0.0000,
0.0000


 151.3010,
109.2020, 51.2704


 0.0000, 0.0000,
0.0000


 187.3485,


138.9872, 70.2723


 228.7098,
173.7485, 93.4699


 26.1478, 13.4640,
1.9301


 26.1478, 13.4640,
1.9301


 26.1473, 13.4638,
1.9283

 26.6555, 14.0915,
3.2962

 27.6017, 15.3501,
5.5656

 29.1025, 17.4407,
8.8743

 31.2268, 20.4745,
13.3278

 34.0336, 24.5455,
19.0187

■ 37.5748, 29.7365,
26.0302

■ 41.8974, 36.1218,
34.4379

■ 47.0443, 43.7692,
44.3120

■ 53.0554, 52.7415,
55.7178

Harmonies

Analogous

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



30.1861, 13.4640, 11.0735



26.1478, 13.4640, 1.9301



18.6940, 13.4640, 0.0000

Triad

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



26.1478, 13.4640, 1.9301



4.3025, 13.4640, 4.2795



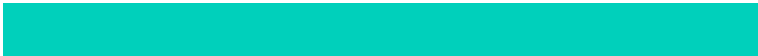
14.2178, 13.4640, 89.5361

Complementary

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



26.1478, 13.4640, 1.9301



31.5303, 48.7014, 54.7755

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.



8.2925, 13.4640, 80.1456



26.1478, 13.4640, 1.9301



3.8289, 13.4640, 18.9477

Square

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



26.1478, 13.4640, 1.9301



6.6382, 13.4640, 0.4195



5.0000, 13.4640, 48.6193



21.9211, 13.4640, 68.5669

Rectangle

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



26.1478, 13.4640, 1.9301



13.6739, 13.4640, 0.0000



5.0000, 13.4640, 48.6193



11.9587, 13.4640, 89.9667

Sweetspot

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



26.1481, 13.4649, 1.9303



66.1453, 56.8542, 54.0591



31.0899, 14.7129, 60.8754



13.5031, 11.2005, 10.3021



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.



26.1481, 13.4649, 1.9303



41.4231, 21.3332, 2.8942



28.8635, 19.1120, 2.1689



11.8565, 11.8273, 12.5199



16.3133, 8.3981, 1.2899



0.9290, 0.4763, 0.1611

Inverse Universe

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



26.1481, 13.4649, 1.9303



41.4231, 21.3332, 2.8942



19.1417, 20.0664, 62.5385



11.8565, 11.8273, 12.5199



16.3133, 8.3981, 1.2899



0.9290, 0.4763, 0.1611

Previews

White Background



This preview shows how the XYZ color 26.1478, 13.4640, 1.9301 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 26.1478, 13.4640, 1.9301

Background



This preview shows how black text looks on a background with the XYZ color 26.1478, 13.4640, 1.9301.



This preview shows how white text looks on a background with the XYZ color 26.1478, 13.4640,

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

26.1478, 13.4640, 1.9301

Protanopia

12.7539, 14.0315, 3.9556

Deuteranopia

14.0729, 14.0199, 1.9644



Tritanopia

25.9650, 13.7311, 1.2819

Trichromacy



Original Color

26.1478, 13.4640, 1.9301

Protanomaly

14.8455, 10.6026, 2.6306

Deuteranomaly

16.3744, 11.1579, 1.5204

Tritanomaly

25.9074, 13.5459, 1.4789

Monochromacy



Original Color

26.1478, 13.4640, 1.9301

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.6834, 5.5895, 3.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1478, 13.4640, 1.9301 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, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(208, 0, 21)  
}
```

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, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 21) }
```

Border

The CSS property to change the border of an element to XYZ 26.1478, 13.4640, 1.9301 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, 0, 21) }
```


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

```
.border{ border-color:rgb(208, 0, 21) }
```

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

Here you see how a box with a 4 pixel rgb(208, 0, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(208, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1478, 13.4640, 1.9301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 21) }
```

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

```
.background{ background-color: rgb(208, 0,  
21) }
```

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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