

Converting Colors

XYZ(26.1109, 13.8172, 1.9522)

Have a look what the booklet for
XYZ(26.1109, 13.8172, 1.9522)
contains.

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Color

**XYZ(26.1085, 13.8162,
1.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1414
RGB	207, 20, 20
RGB Percent	81%, 8%, 8%
CMY	0.1882, 0.9215, 0.9216
CMYK	0.00, 0.90, 0.90, 0.19
HSL	0°, 82%, 45%
HSV	0°, 90%, 81%
XYZ	26.1085, 13.8162, 1.9525
YIQ	75.9130, 111.4520, 39.6440

Conversions

Conversions Part 2

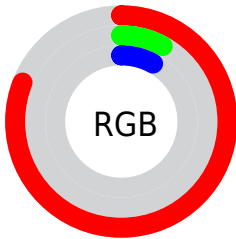
Format	Color
RYB	207, 20, 20
Decimal	13571092
CIELab	43.97, 66.54, 51.04
CIElCh	44, 83.866, 37.492
Yxy	13.8162, 0.6235, 0.3299
Android (android.graphics.Color)	4291761172 (0xFFCF1414)
YUV	75.9130, -27.5651, 114.9633
Hunter-Lab	37.1701, 60.3315, 22.9047

Details

The XYZ color **26.1085, 13.8162, 1.9525** 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 **33.8566, 49.2651, 66.7556**, and the grayscale version is **6.8908, 7.2496, 7.8948**.

A 20% lighter version of the original color is **46.0803, 29.3195, 8.5407**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **25.7322, 13.2659, 1.2043**, and if you desaturate by 10%, it is **26.9103, 14.9902, 3.5455**.

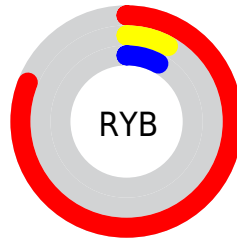
Distribution



Red (81%)

Green (8%)

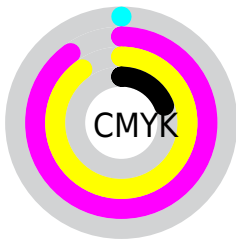
Blue (8%)



Red (81%)

Yellow (8%)

Blue (8%)

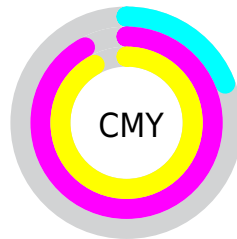


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (19%)



Cyan (19%)


Magenta (92%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1085, 13.8162, 1.9525 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 26.1085, 13.8162, 1.9525 by changing the saturation by 10% instead.

 26.1085, 13.8162,
1.9525


 26.1085, 13.8162,
1.9525


275.5612,
216.0844, 121.6348


 17.0379, 7.9929,
0.5258


 52.8800, 32.7625,
8.9105


 10.3570, 4.0904,
0.0000


 71.3116, 46.6544,
15.3421


 5.7004, 1.7243,
0.0000

 93.5943, 64.0046,
24.3000

 2.7027, 0.4393,
0.0000

 120.0934, 85.1976,
36.2029

 0.9986, 0.0000,
0.0000


 151.1743,
110.6176, 51.4693


 0.0000, 0.0000,
0.0000


 187.2024,


140.6492, 70.5177


 228.5429,
175.6766, 93.7667


 26.1085, 13.8162,
1.9525

 26.1085, 13.8162,
1.9525


 25.7322, 13.2659,
1.2043

 26.9103, 14.9902,
3.5455

 28.2763, 16.9892,
6.2604

 30.2849, 19.9285,
10.2529

 33.0019, 23.9043,
15.6538

 36.4850, 29.0012,
22.5780

■ 40.7861, 35.2948,
31.1284

■ 45.9523, 42.8544,
41.3990

■ 52.0275, 51.7439,
53.4766

■ 59.0522, 62.0228,
67.4423

Harmonies

Analogous

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



30.3185, 13.8162, 10.7575



26.1085, 13.8162, 1.9525



18.6579, 13.8162, 0.0000

Triad

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



26.1085, 13.8162, 1.9525



4.5093, 13.8162, 4.9309



14.8700, 13.8162, 88.3501

Complementary

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



26.1085, 13.8162, 1.9525



33.8566, 49.2651, 66.7556

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.



8.8213, 13.8162, 80.5328



26.1085, 13.8162, 1.9525



4.0985, 13.8162, 20.3390

Square

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



26.1085, 13.8162, 1.9525



6.7873, 13.8162, 0.6477



5.3769, 13.8162, 50.1340



22.5491, 13.8162, 66.7919

Rectangle

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



26.1085, 13.8162, 1.9525



13.6992, 13.8162, 0.0000



5.3769, 13.8162, 50.1340



12.5804, 13.8162, 89.2562

Sweetspot

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



26.1088, 13.8171, 1.9527



67.7116, 59.9970, 54.5498



37.2444, 18.2705, 60.5945



13.9196, 12.0026, 10.5358



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.



26.1088, 13.8171, 1.9527



41.2404, 21.2608, 1.9301



31.8191, 25.2378, 3.8561



11.8089, 11.8085, 12.2689



16.2127, 8.3584, 0.7588



0.9066, 0.4674, 0.0424

Inverse Universe

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



33.8566, 49.2651, 66.7556



53.7977, 78.7153, 106.9659



17.5119, 16.5757, 61.3074



12.1583, 13.4068, 15.1906



21.1492, 30.9451, 42.0508



1.1826, 1.7304, 2.3512

Previews

White Background



This preview shows how the XYZ color 26.1085, 13.8162, 1.9525 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 26.1085, 13.8162, 1.9525 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 26.1085, 13.8162, 1.9525

Background



This preview shows how black text looks on a background with the XYZ color 26.1085, 13.8162, 1.9525.



This preview shows how white text looks on a background with the XYZ color 26.1085, 13.8162,

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

26.1085, 13.8162, 1.9525

Protanopia

12.9751, 14.2996, 3.9100

Tritanopia

26.0667, 13.8283, 1.6431

Trichromacy



Original Color

26.1085, 13.8162, 1.9525

Protanomaly

15.3411, 11.6151, 2.7297

Tritanomaly

26.0865, 13.8362, 1.7477

Monochromacy



Original Color

26.1085, 13.8162, 1.9525

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

10.4402, 7.3990, 4.6193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1085, 13.8162, 1.9525 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(207, 20, 20)` looks like.

```
.text, #text, p{  
    color:rgb(207, 20, 20)  
}
```

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(207, 20, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 20, 20) }
```

Border

The CSS property to change the border of an element to XYZ 26.1085, 13.8162, 1.9525 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(207, 20, 20) }
```

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

```
.border{ border-color:rgb(207, 20, 20) }
```

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

Here you see how a box with a 4 pixel rgb(207, 20, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 20, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 20, 20);  
box-shadow:4px 4px 4px 4px rgb(207, 20,  
20) }
```


Background

The CSS property to change the background color of an element to XYZ 26.1085, 13.8162, 1.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 20, 20) }
```

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

```
.background{ background-color: rgb(207, 20,  
20) }
```

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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