

Converting Colors

XYZ(26.3391, 14.1568, 1.7699)

Have a look what the booklet for
XYZ(26.3391, 14.1568, 1.7699)
contains.

XYZ(26.2033, 14.0810, 1.7523)	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(26.2033, 14.0810,
1.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1B0E
RGB	207, 27, 14
RGB Percent	81%, 11%, 5%
CMY	0.1882, 0.8940, 0.9451
CMYK	0.00, 0.87, 0.93, 0.19
HSL	4°, 87%, 43%
HSV	4°, 93%, 81%
XYZ	26.2033, 14.0810, 1.7523
YIQ	79.3380, 111.4530, 34.1170

Conversions

Conversions Part 2

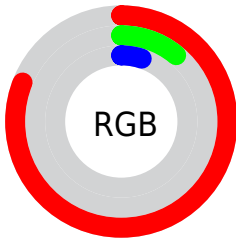
Format	Color
RYB	207, 28, 14
Decimal	13572878
CIELab	44.35, 65.29, 53.56
CIELCh	44, 84.448, 39.359
Yxy	14.0810, 0.6233, 0.3350
Android (android.graphics.Color)	4291762958 (0xFFCF1B0E)
YUV	79.3380, -32.2116, 111.9596
Hunter-Lab	37.5247, 58.9776, 23.4986

Details

The XYZ color **26.2033, 14.0810, 1.7523** 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 **30.7302, 43.1717, 65.7442**, and the grayscale version is **7.5441, 7.9369, 8.6433**.

A 20% lighter version of the original color is **46.1399, 29.6243, 7.9888**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **25.8885, 13.5784, 1.2564**, and if you desaturate by 10%, it is **27.0206, 15.3644, 3.1084**.

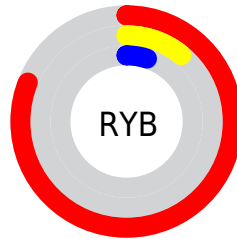
Distribution



Red (81%)

Green (11%)

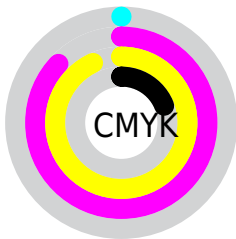
Blue (5%)



Red (81%)

Yellow (11%)

Blue (5%)

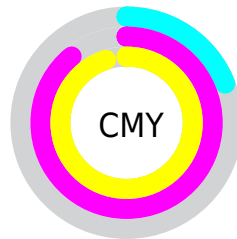


Cyan (0%)

Magenta (87%)

Yellow (93%)

Black (19%)



Cyan (19%)


Magenta (89%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2033, 14.0810, 1.7523 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 26.2033, 14.0810, 1.7523 by changing the saturation by 10% instead.


 26.2033, 14.0810,
1.7523


 26.2033, 14.0810,
1.7523


 276.0171,
217.7342, 118.4036


 17.1093, 8.1770,
0.3962


 53.0317, 33.2327,
8.3518


 10.4082, 4.2084,
0.0000


 71.4968, 47.2492,
14.5366

 5.7348, 1.7908,
0.0000

 93.8163, 64.7386,
23.2028

 2.7236, 0.4814,
0.0000

 120.3555, 86.0854,
34.7689


 1.0093, 0.0000,
0.0000


 151.4798,
111.6740, 49.6535


 0.0000, 0.0000,
0.0000


 187.5547,


141.8887, 68.2751


 228.9453,
177.1140, 91.0523


 26.2033, 14.0810,
1.7523


 26.2033, 14.0810,
1.7523


 25.8885, 13.5784,
1.2564

 27.0206, 15.3644,
3.1084

 28.3577, 17.3982,
5.5286

 30.2831, 20.2749,
9.1732

 32.8543, 24.0728,
14.1755

 36.1223, 28.8615,
20.6513

■ 40.1327, 34.7037,
28.7042

■ 44.9272, 41.6570,
38.4282

■ 50.5447, 49.7749,
49.9103

■ 57.0212, 59.1073,
63.2312

Harmonies

Analogous

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



30.8044, 14.0810, 10.0271



26.2033, 14.0810, 1.7523



18.5244, 14.0810, 0.0000

Triad

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



26.2033, 14.0810, 1.7523



4.5161, 14.0810, 5.5783



15.6171, 14.0810, 89.5358

Complementary

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



26.2033, 14.0810, 1.7523



30.7302, 43.1717, 65.7442

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.



9.2945, 14.0810, 83.5163



26.2033, 14.0810, 1.7523



4.2022, 14.0810, 22.2389

Square

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



26.2033, 14.0810, 1.7523



6.7023, 14.0810, 0.7809



5.6234, 14.0810, 53.2818



23.4686, 14.0810, 66.0967

Rectangle

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



26.2033, 14.0810, 1.7523



13.5299, 14.0810, 0.0000



5.6234, 14.0810, 53.2818



13.2383, 14.0810, 91.1492

Sweetspot

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



26.2036, 14.0819, 1.7525



67.9224, 60.8490, 53.2930



35.6414, 17.4804, 52.6125



13.8474, 12.0215, 10.0089



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.



26.2036, 14.0819, 1.7525



41.4436, 21.6673, 1.9979



32.9397, 27.5540, 3.9978



11.8719, 11.9344, 12.2899



16.3362, 8.6054, 0.8000



0.9364, 0.5271, 0.0524

Inverse Universe

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



30.7302, 43.1717, 65.7442



48.5648, 68.2495, 105.2216



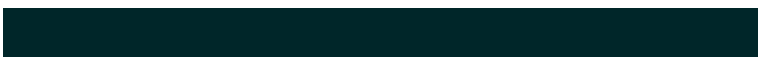
15.7770, 13.2652, 60.7598



12.0873, 13.2648, 15.1669



19.1434, 26.9335, 41.3822



1.0914, 1.5479, 2.3208

Previews

White Background



This preview shows how the XYZ color 26.2033, 14.0810, 1.7523 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 26.2033, 14.0810, 1.7523

Background



This preview shows how black text looks on a background with the XYZ color 26.2033, 14.0810, 1.7523.



This preview shows how white text looks on a background with the XYZ color 26.2033, 14.0810,

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

26.2033, 14.0810, 1.7523

Protanopia

13.0225, 14.3343, 3.4469

Deuteranopia

14.4852, 14.3757, 2.0113



Tritanopia

26.2463, 14.0621, 2.0900

Trichromacy



Original Color

26.2033, 14.0810, 1.7523

Protanomaly

15.5918, 11.9573, 2.4059

Deuteranomaly

17.1741, 12.4856, 1.6484

Tritanomaly

26.2191, 14.0512, 1.9463

Monochromacy



Original Color

26.2033, 14.0810, 1.7523

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

10.9096, 7.9432, 4.5726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2033, 14.0810, 1.7523 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, 27, 14)` looks like.

```
.text, #text, p{  
    color:rgb(207, 27, 14)  
}
```

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, 27, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 27, 14) }
```

Border

The CSS property to change the border of an element to XYZ 26.2033, 14.0810, 1.7523 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, 27, 14) }
```


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

```
.border{ border-color:rgb(207, 27, 14) }
```

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

Here you see how a box with a 4 pixel rgb(207, 27, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 27, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 27, 14);  
box-shadow:4px 4px 4px 4px rgb(207, 27,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2033, 14.0810, 1.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 27, 14) }
```

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

```
.background{ background-color: rgb(207, 27,  
14) }
```

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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