

Converting Colors

XYZ(26.3431, 14.4623, 2.0959)

Have a look what the booklet for
XYZ(26.3431, 14.4623, 2.0959)
contains.

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Color

**XYZ(26.4685, 14.5216,
2.1174)**

Conversions

Conversions Part 1

Format	Color
Hex	CF2315
RGB	207, 35, 21
RGB Percent	81%, 14%, 8%
CMY	0.1882, 0.8627, 0.9176
CMYK	0.00, 0.83, 0.90, 0.19
HSL	5°, 82%, 45%
HSV	5°, 90%, 81%
XYZ	26.4685, 14.5216, 2.1174
YIQ	84.8320, 107.0060, 32.1100

Conversions

Conversions Part 2

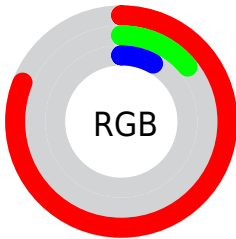
Format	Color
R_{YB}	207, 36, 21
Decimal	13574933
CIE _{Lab}	44.97, 63.70, 51.34
CIE _{LCh}	45, 81.817, 38.867
Yxy	14.5216, 0.6140, 0.3369
Android (android.graphics.Color)	4291765013 (0xFFCF2315)
YUV	84.8320, -31.4692, 107.1413
Hunter-Lab	38.1072, 57.2948, 23.3806

Details

The XYZ color **26.4685, 14.5216, 2.1174** 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 **30.6380, 42.7970, 65.6768**, and the grayscale version is **8.6492, 9.0996, 9.9095**.

A 20% lighter version of the original color is **46.7760, 30.6134, 9.0738**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **25.9170, 13.6329, 1.2741**, and if you desaturate by 10%, it is **27.4710, 16.0833, 3.8191**.

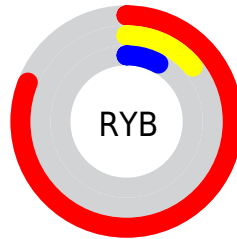
Distribution



Red (81%)

Green (14%)

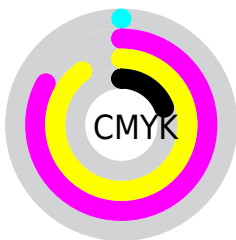
Blue (8%)



Red (81%)

Yellow (14%)

Blue (8%)

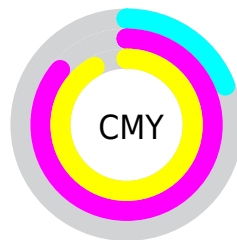


Cyan (0%)

Magenta (83%)

Yellow (90%)

Black (19%)



Cyan (19%)


Magenta (86%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4685, 14.5216, 2.1174 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 26.4685, 14.5216, 2.1174 by changing the saturation by 10% instead.


 26.4685, 14.5216,
2.1174


 26.4685, 14.5216,
2.1174


277.2891,
220.4520, 124.1739


 17.3090, 8.4843,
0.6261


 53.4557, 34.0117,
9.3593


 10.5517, 4.4064,
0.0000


 72.0141, 48.2333,
15.9851


 5.8313, 1.9034,
0.0000

 94.4362, 65.9519,
25.1720

 2.7825, 0.5504,
0.0000

 121.0873, 87.5517,
37.3387

 1.0398, 0.0000,
0.0000


 152.3328,
113.4173, 52.9037


 0.0000, 0.0000,
0.0000


 188.5380,


143.9329, 72.2856


 230.0683,
179.4830, 95.9028


 26.4685, 14.5216,
2.1174


 26.4685, 14.5216,
2.1174


 25.9170, 13.6329,
1.2741


 27.4710, 16.0833,
3.8191

 25.9113, 13.6241,
1.2640

 29.0146, 18.4218,
6.6419

 31.1623, 21.6217,
10.7351

 33.9682, 25.7561,
16.2249

 37.4802, 30.8901,
23.2223

■ 41.7419, 37.0832,
31.8271

■ 46.7933, 44.3900,
42.1306

■ 52.6716, 52.8615,
54.2172

■ 59.4114, 62.5455,
68.1656

Harmonies

Analogous

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



30.8584, 14.5216, 10.7765



26.4685, 14.5216, 2.1174



18.9911, 14.5216, 0.0855

Triad

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



26.4685, 14.5216, 2.1174



4.9321, 14.5216, 5.8868



15.8862, 14.5216, 87.5284

Complementary

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



26.4685, 14.5216, 2.1174



30.6380, 42.7970, 65.6768

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.



9.6569, 14.5216, 81.2934



26.4685, 14.5216, 2.1174



4.5818, 14.5216, 22.2119

Square

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



26.4685, 14.5216, 2.1174



7.1906, 14.5216, 0.9672



6.0019, 14.5216, 52.1340



23.5745, 14.5216, 65.4932

Rectangle

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



26.4685, 14.5216, 2.1174



14.0589, 14.5216, 0.0000



6.0019, 14.5216, 52.1340



13.5490, 14.5216, 88.8935

Sweetspot

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



26.4688, 14.5225, 2.1176



68.8235, 62.2208, 54.9205



35.8052, 17.7237, 52.9264



14.1723, 12.5081, 10.6200



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.



26.4688, 14.5225, 2.1176



41.4765, 21.7331, 2.0088



33.3794, 28.3437, 4.4211



11.8793, 11.9493, 12.2924



16.3523, 8.6376, 0.8054



0.9399, 0.5341, 0.0535

Inverse Universe

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



30.6380, 42.7970, 65.6768



47.9835, 67.0869, 105.0278



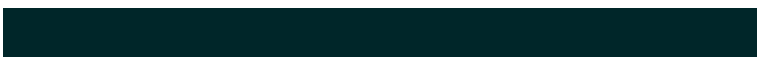
16.2839, 14.0888, 60.8921



12.0790, 13.2482, 15.1642



18.9203, 26.4872, 41.3078



1.0811, 1.5274, 2.3174

Previews

White Background



This preview shows how the XYZ color 26.4685, 14.5216, 2.1174 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 26.4685, 14.5216, 2.1174 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 26.4685, 14.5216, 2.1174

Background



This preview shows how black text looks on a background with the XYZ color 26.4685, 14.5216, 2.1174.



This preview shows how white text looks on a background with the XYZ color 26.4685, 14.5216,

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

26.4685, 14.5216, 2.1174

Protanopia

13.4422, 14.8518, 3.9085

Deuteranopia

14.9047, 14.7370, 2.0590



Tritanopia

26.5649, 14.5137, 2.7678

Trichromacy



Original Color

26.4685, 14.5216, 2.1174

Protanomaly

16.1386, 12.6592, 2.8892

Deuteranomaly

17.6685, 13.1477, 1.8363

Tritanomaly

26.5138, 14.4933, 2.4987

Monochromacy



Original Color

26.4685, 14.5216, 2.1174

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

11.9299, 9.0292, 5.6715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4685, 14.5216, 2.1174 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, 35, 21)` looks like.

```
.text, #text, p{  
    color:rgb(207, 35, 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(207, 35, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 35, 21) }
```

Border

The CSS property to change the border of an element to XYZ 26.4685, 14.5216, 2.1174 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, 35, 21) }
```


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

```
.border{ border-color:rgb(207, 35, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 35, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 35, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 35, 21);  
box-shadow:4px 4px 4px 4px rgb(207, 35,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4685, 14.5216, 2.1174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 35, 21) }
```

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

```
.background{ background-color: rgb(207, 35,  
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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