

Converting Colors

XYZ(26.4582, 15.0748, 1.6990)

Have a look what the booklet for
XYZ(26.4582, 15.0748, 1.6990)
contains.

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Color

**XYZ(26.4635, 15.0890,
1.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2E06
RGB	206, 46, 6
RGB Percent	81%, 18%, 2%
CMY	0.1922, 0.8196, 0.9765
CMYK	0.00, 0.78, 0.97, 0.19
HSL	12°, 94%, 42%
HSV	12°, 97%, 81%
XYZ	26.4635, 15.0890, 1.6900
YIQ	89.2800, 108.2000, 21.4800

Conversions

Conversions Part 2

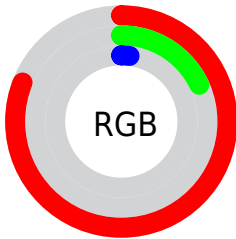
Format	Color
RYB	206, 56, 6
Decimal	13512198
CIELab	45.76, 60.30, 56.59
CIElCh	46, 82.695, 43.179
Yxy	15.0890, 0.6120, 0.3489
Android (android.graphics.Color)	4291702278 (0xFFCE2E06)
YUV	89.2800, -41.0570, 102.3634
Hunter-Lab	38.8446, 53.6281, 24.6117

Details

The XYZ color **26.4635, 15.0890, 1.6900** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **24.8497, 31.7630, 63.2132**, and the grayscale version is **9.6305, 10.1320, 11.0337**.

A 20% lighter version of the original color is **47.1072, 31.6894, 7.9088**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **26.2537, 14.7223, 1.4580**, and if you desaturate by 10%, it is **27.3962, 16.6981, 2.7921**.

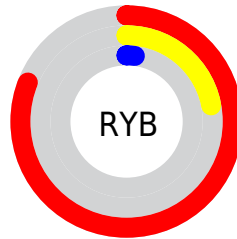
Distribution



Red (81%)

Green (18%)

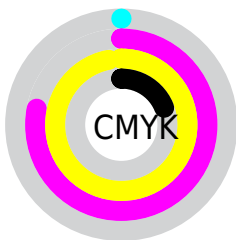
Blue (2%)



Red (81%)

Yellow (22%)

Blue (2%)

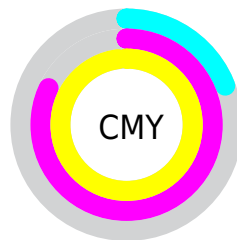


Cyan (0%)

Magenta (78%)

Yellow (97%)

Black (19%)



Cyan (19%)


Magenta (82%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4635, 15.0890, 1.6900 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 26.4635, 15.0890, 1.6900 by changing the saturation by 10% instead.

 26.4635, 15.0890,
1.6900


 26.4635, 15.0890,
1.6900


 277.2652,
223.9043, 117.3606


 17.3052, 8.8819,
0.3539


 53.4477, 35.0092,
8.1745


 10.5490, 4.6642,
0.0000


 72.0044, 49.4911,
14.2798


 5.8295, 2.0516,
0.0000

 94.4245, 67.5001,
22.8517

 2.7813, 0.6372,
0.0000

 121.0735, 89.4205,
34.3088

 1.0392, 0.0000,
0.0000


 152.3167,
115.6367, 49.0698


 0.0000, 0.0000,
0.0000


 188.5195,


146.5331, 67.5530


 230.0472,
182.4942, 90.1771


 26.4635, 15.0890,
1.6900


 26.4635, 15.0890,
1.6900


 26.2537, 14.7223,
1.4580

 27.3962, 16.6981,
2.7921

 28.7645, 18.9164,
4.8459

 30.6236, 21.8024,
8.0315

 33.0179, 25.4056,
12.4836

 35.9862, 29.7707,
18.3182

■ 39.5640, 34.9387,
25.6379

■ 43.7834, 40.9476,
34.5356

■ 48.6745, 47.8330,
45.0964

■ 54.2652, 55.6282,
57.3996

Harmonies

Analogous

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



31.6894, 15.0890, 9.1560



26.4635, 15.0890, 1.6900



18.5678, 15.0890, 0.0000

Triad

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



26.4635, 15.0890, 1.6900



4.9748, 15.0890, 7.6549



17.6100, 15.0890, 88.9911

Complementary

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



26.4635, 15.0890, 1.6900



24.8497, 31.7630, 63.2132

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.



10.8109, 15.0890, 87.0629



26.4635, 15.0890, 1.6900



4.8670, 15.0890, 26.7934

Square

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



26.4635, 15.0890, 1.6900



7.0019, 15.0890, 1.3397



6.6360, 15.0890, 59.0105



25.5700, 15.0890, 63.1384

Rectangle

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



26.4635, 15.0890, 1.6900



13.6132, 15.0890, 0.0000



6.6360, 15.0890, 59.0105



15.0957, 15.0890, 91.9511

Sweetspot

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



26.4638, 15.0899, 1.6902



69.2905, 64.0080, 52.4457



32.4015, 16.0052, 37.4579



14.1936, 12.7933, 9.8796



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.



26.4638, 15.0899, 1.6902



42.4245, 23.6290, 2.3248



35.7652, 33.6927, 4.7907



11.3911, 11.5711, 11.7125



16.2218, 9.1766, 0.9163



0.8916, 0.5830, 0.0655

Inverse Universe

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



24.8497, 31.7630, 63.2132



39.6392, 50.3985, 102.2464



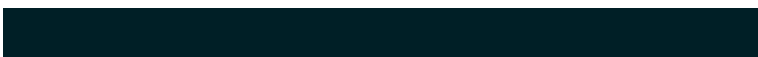
13.1639, 8.3915, 59.3180



11.3452, 12.3309, 14.3525



15.1915, 19.4070, 38.9015



0.8334, 1.1007, 2.0235

Previews

White Background



This preview shows how the XYZ color 26.4635, 15.0890, 1.6900 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 26.4635, 15.0890, 1.6900

Background



This preview shows how black text looks on a background with the XYZ color 26.4635, 15.0890, 1.6900.



This preview shows how white text looks on a background with the XYZ color 26.4635, 15.0890,

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

26.4635, 15.0890, 1.6900

Protanopia

13.9198, 15.4330, 3.1649

Deuteranopia

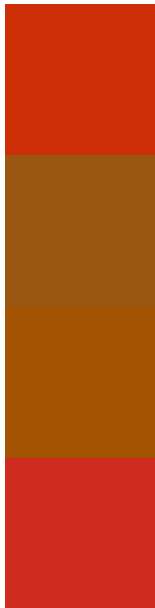
15.4315, 15.3039, 2.1406



Tritanopia

26.7535, 15.0240, 3.7754

Trichromacy



Original Color

26.4635, 15.0890, 1.6900

Protanomaly

16.6542, 13.6324, 2.3258

Deuteranomaly

18.2085, 13.9774, 1.7957

Tritanomaly

26.5886, 15.0169, 2.7255

Monochromacy



Original Color

26.4635, 15.0890, 1.6900

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

12.6877, 9.9864, 5.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4635, 15.0890, 1.6900 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(206, 46, 6)` looks like.

```
.text, #text, p{  
    color:rgb(206, 46, 6)  
}
```

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(206, 46, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 46, 6) }
```

Border

The CSS property to change the border of an element to XYZ 26.4635, 15.0890, 1.6900 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(206, 46, 6) }
```


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

```
.border{ border-color:rgb(206, 46, 6) }
```

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

Here you see how a box with a 4 pixel rgb(206, 46, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 46, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 46, 6);  
box-shadow:4px 4px 4px 4px rgb(206, 46, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4635, 15.0890, 1.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 46, 6) }
```

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

```
.background{ background-color: rgb(206, 46,  
6) }
```

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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