

Converting Colors

XYZ(26.5114, 15.2301, 1.5654)

Have a look what the booklet for
XYZ(26.5114, 15.2301, 1.5654)
contains.

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Color

**XYZ(26.5160, 15.2379,
1.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	CE3001
RGB	206, 48, 1
RGB Percent	81%, 19%, 0%
CMY	0.1922, 0.8117, 0.9961
CMYK	0.00, 0.77, 1.00, 0.19
HSL	14°, 99%, 41%
HSV	14°, 100%, 81%
XYZ	26.5160, 15.2379, 1.5724
YIQ	89.8840, 109.2550, 18.8790

Conversions

Conversions Part 2

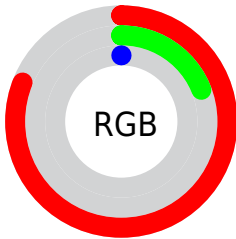
Format	Color
R_{YB}	206, 62, 1
Decimal	13512705
CIE Lab	45.96, 59.65, 58.12
CIE LCh	46, 83.281, 44.258
Yxy	15.2379, 0.6120, 0.3517
Android (android.graphics.Color)	4291702785 (0xFFCE3001)
YUV	89.8840, -43.8198, 101.8337
Hunter-Lab	39.0358, 52.9380, 24.9368

Details

The XYZ color **26.5160, 15.2379, 1.5724** 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 **23.5493, 29.2551, 62.7976**, and the grayscale version is **9.7714, 10.2803, 11.1953**.

A 20% lighter version of the original color is **47.2362, 32.0708, 7.5716**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **26.4795, 15.1740, 1.5332**, and if you desaturate by 10%, it is **27.4215, 16.8323, 2.5428**.

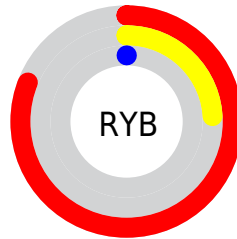
Distribution



Red (81%)

Green (19%)

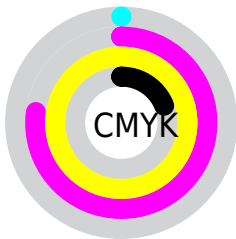
Blue (0%)



Red (81%)

Yellow (24%)

Blue (0%)

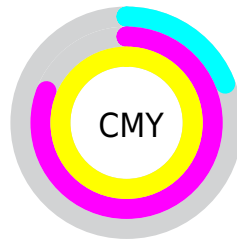


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (81%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5160, 15.2379, 1.5724 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 26.5160, 15.2379, 1.5724 by changing the saturation by 10% instead.

 26.5160, 15.2379,
1.5724


 26.5160, 15.2379,
1.5724


 277.5165,
224.8017, 115.3376


 17.3448, 8.9865,
0.2710


 53.5316, 35.2700,
7.8349


 10.5774, 4.7324,
0.0000


 72.1067, 49.8195,
13.7859


 5.8486, 2.0911,
0.0000


 94.5471, 67.9038,
22.1749

 2.7930, 0.6596,
0.0000

 121.2182, 89.9074,
33.4203

 1.0453, 0.0000,
0.0000


 152.4853,
116.2145, 47.9408


 0.0000, 0.0000,
0.0000


 188.7138,


147.2097, 66.1548


 230.2691,
183.2773, 88.4809


 26.5160, 15.2379,
1.5724


 26.5160, 15.2379,
1.5724


 26.4795, 15.1740,
1.5332

 27.4215, 16.8323,
2.5428

 28.7264, 18.9932,
4.3616

 30.4952, 21.7787,
7.2702

 32.7712, 25.2344,
11.4088

 35.5923, 29.4015,
16.8965

■ 38.9924, 34.3178,
23.8379

■ 43.0027, 40.0182,
32.3276

■ 47.6520, 46.5354,
42.4519

■ 52.9672, 53.9002,
54.2908

Harmonies

Analogous

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



31.9840, 15.2379, 8.7521



26.5160, 15.2379, 1.5724



18.4790, 15.2379, 0.0000

Triad

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



26.5160, 15.2379, 1.5724



4.9646, 15.2379, 8.1333



18.0830, 15.2379, 89.7747

Complementary

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



26.5160, 15.2379, 1.5724



23.5493, 29.2551, 62.7976

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.



11.1094, 15.2379, 88.9752



26.5160, 15.2379, 1.5724



4.9203, 15.2379, 28.1009

Square

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



26.5160, 15.2379, 1.5724



6.9358, 15.2379, 1.4292



6.7850, 15.2379, 61.0789



26.1463, 15.2379, 62.7894

Rectangle

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



26.5160, 15.2379, 1.5724



13.5003, 15.2379, 0.0000



6.7850, 15.2379, 61.0789



15.5126, 15.2379, 93.1705

Sweetspot

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



26.5163, 15.2388, 1.5726



69.0758, 63.9938, 51.0945



31.9488, 15.7373, 35.3422



14.1729, 12.8298, 9.6325



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.



26.5163, 15.2388, 1.5726



42.7772, 24.3344, 2.4424



36.0357, 34.2776, 4.7457



11.4176, 11.6242, 11.7214



16.3670, 9.4669, 0.9647



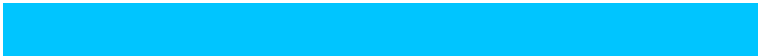
0.9038, 0.6073, 0.0696

Inverse Universe

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



23.5493, 29.2551, 62.7976



37.9081, 46.9362, 101.6694



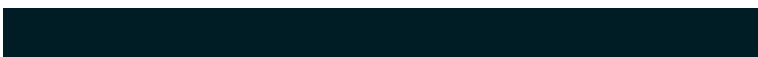
12.7214, 7.5993, 59.1883



11.3167, 12.2738, 14.3430



14.5453, 18.1146, 38.6861



0.8051, 1.0439, 2.0140

Previews

White Background



This preview shows how the XYZ color 26.5160, 15.2379, 1.5724 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 26.5160, 15.2379, 1.5724 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 26.5160, 15.2379, 1.5724

Background



This preview shows how black text looks on a background with the XYZ color 26.5160, 15.2379, 1.5724.



This preview shows how white text looks on a background with the XYZ color 26.5160, 15.2379,

1.5724.

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

26.5160, 15.2379, 1.5724

Protanopia

14.0530, 15.5029, 3.1158

Deuteranopia

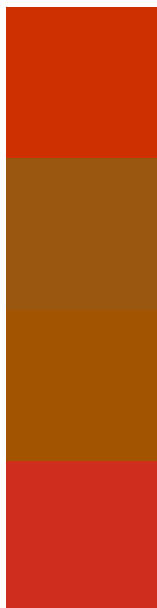
15.4315, 15.3039, 2.1406



Tritanopia

27.1637, 15.3394, 4.1139

Trichromacy



Original Color

26.5160, 15.2379, 1.5724

Protanomaly

16.8281, 13.7238, 2.2522

Deuteranomaly

18.2746, 14.1272, 1.7636

Tritanomaly

26.9435, 15.3131, 2.7639

Monochromacy



Original Color

26.5160, 15.2379, 1.5724

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

12.7955, 10.2432, 5.3057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5160, 15.2379, 1.5724 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, 48, 1)` looks like.

```
.text, #text, p{  
    color:rgb(206, 48, 1)  
}
```

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, 48, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 48, 1) }
```

Border

The CSS property to change the border of an element to XYZ 26.5160, 15.2379, 1.5724 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, 48, 1) }
```


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

```
.border{ border-color:rgb(206, 48, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 48, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 48, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 48, 1);  
box-shadow:4px 4px 4px 4px rgb(206, 48, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.5160, 15.2379, 1.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 48, 1) }
```

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

```
.background{ background-color: rgb(206, 48,  
1) }
```

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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