

Converting Colors

XYZ(25.5503, 15.1634, 1.5802)

Have a look what the booklet for
XYZ(25.5503, 15.1634, 1.5802)
contains.

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Color

**XYZ(25.4066, 15.0558,
1.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	C93600
RGB	201, 54, 0
RGB Percent	79%, 21%, 0%
CMY	0.2118, 0.7882, 1.0000
CMYK	0.00, 0.73, 1.00, 0.21
HSL	16°, 100%, 39%
HSV	16°, 100%, 79%
XYZ	25.4066, 15.0558, 1.5670
YIQ	91.7970, 104.9460, 14.3700

Conversions

Conversions Part 2

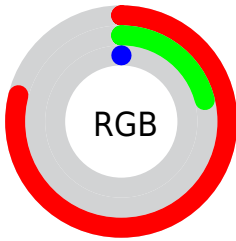
Format	Color
R_{YB}	201, 74, 0
Decimal	13186560
CIE Lab	45.71, 56.09, 57.75
CIE LCh	46, 80.507, 45.834
Yxy	15.0558, 0.6045, 0.3582
Android (android.graphics.Color)	4291376640 (0xFFC93600)
YUV	91.7970, -45.2559, 95.7710
Hunter-Lab	38.8018, 48.9749, 24.7669

Details

The XYZ color **25.4066, 15.0558, 1.5670** 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 **20.9751, 25.0821, 58.9939**, and the grayscale version is **10.2108, 10.7426, 11.6987**.

A 20% lighter version of the original color is **47.5297, 32.6974, 7.5475**, and **10.3165, 5.3184, 0.4828** is the 20% darker color. If you saturate the color by 10%, you get **25.4068, 15.0565, 1.5671**, and if you desaturate by 10%, it is **26.3247, 16.6889, 2.5004**.

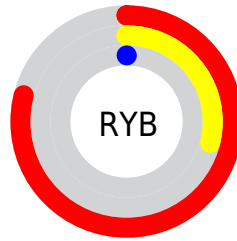
Distribution



Red (79%)

Green (21%)

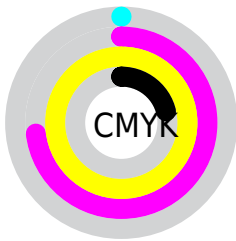
Blue (0%)



Red (79%)

Yellow (29%)

Blue (0%)

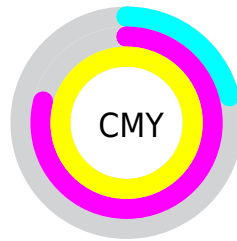


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (79%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4066, 15.0558, 1.5670 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 25.4066, 15.0558, 1.5670 by changing the saturation by 10% instead.


 25.4066, 15.0558,
1.5670


 25.4066, 15.0558,
1.5670

 272.1673,
223.7037, 115.2429


 16.5106, 8.8586,
0.2671


 51.7542, 34.9510,
7.8191


 9.9793, 4.6490,
0.0000


 69.9366, 49.4178,
13.7629

 5.4474, 2.0429,
0.0000

 91.9451, 67.4099,
22.1434

 2.5495, 0.6322,
0.0000

 118.1451, 89.3117,
33.3789


 0.9203, 0.0000,
0.0000


 148.9019,
115.5076, 47.8880


 0.0000, 0.0000,
0.0000


 184.5810,


146.3819, 66.0894


 225.5477,
182.3192, 88.4015


 25.4066, 15.0558,
1.5670

 25.4066, 15.0558,
1.5670


 25.4068, 15.0565,
1.5671

 26.3247, 16.6889,
2.5004

 27.5983, 18.8212,
4.2039

 29.2887, 21.5024,
6.9237

 31.4337, 24.7697,
10.7919

 34.0668, 28.6570,
15.9204

■ 37.2176, 33.1952,
22.4073

■ 40.9136, 38.4132,
30.3415

■ 45.1800, 44.3379,
39.8038

■ 50.0404, 50.9950,
50.8691

Harmonies

Analogous

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



30.8038, 15.0558, 8.1919



25.4066, 15.0558, 1.5670



17.7315, 15.0558, 0.0526

Triad

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



25.4066, 15.0558, 1.5670



5.0472, 15.0558, 8.8683



18.1561, 15.0558, 84.5788

Complementary

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



25.4066, 15.0558, 1.5670



20.9751, 25.0821, 58.9939

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.



11.3598, 15.0558, 85.4183



25.4066, 15.0558, 1.5670



5.0962, 15.0558, 28.7868

Square

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



25.4066, 15.0558, 1.5670



6.8667, 15.0558, 1.7326



7.0319, 15.0558, 60.1959



25.8006, 15.0558, 58.3920

Rectangle

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



25.4066, 15.0558, 1.5670



13.0296, 15.0558, 0.0000



7.0319, 15.0558, 60.1959



15.6718, 15.0558, 88.2716

Sweetspot

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



25.4069, 15.0567, 1.5672



69.7623, 65.3668, 51.3234



29.3852, 14.5367, 29.0259



14.3316, 13.1472, 9.6854



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.



25.4069, 15.0567, 1.5672



43.3386, 25.4572, 2.6295



35.6594, 35.5618, 4.9847



10.8619, 11.0929, 11.1314



16.0404, 9.5980, 1.0072



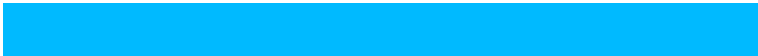
0.8212, 0.5779, 0.0683

Inverse Universe

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



20.9751, 25.0821, 58.9939



35.7107, 42.5414, 100.9369



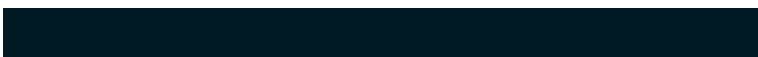
11.5552, 6.2422, 55.8539



10.6964, 11.5668, 13.5863



13.2672, 15.9283, 37.1196



0.6857, 0.8691, 1.7768

Previews

White Background



This preview shows how the XYZ color 25.4066, 15.0558, 1.5670 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 25.4066, 15.0558, 1.5670

Background



This preview shows how black text looks on a background with the XYZ color 25.4066, 15.0558, 1.5670.



This preview shows how white text looks on a background with the XYZ color 25.4066, 15.0558,

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

25.4066, 15.0558, 1.5670

Protanopia

13.7917, 15.2101, 3.0196

Deuteranopia

15.4315, 15.3039, 2.1406



Tritanopia

26.1176, 15.0857, 4.7841

Trichromacy



Original Color

25.4066, 15.0558, 1.5670

Protanomaly

16.4211, 13.7586, 2.2421

Deuteranomaly

18.0257, 14.2326, 1.7971

Tritanomaly

25.8155, 15.0340, 2.9801

Monochromacy



Original Color

25.4066, 15.0558, 1.5670

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.0295, 10.6701, 5.5105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4066, 15.0558, 1.5670 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(201, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 54, 0)  
}
```

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(201, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 54, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.4066, 15.0558, 1.5670 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(201, 54, 0) }
```


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

```
.border{ border-color:rgb(201, 54, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 54, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 54, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 54, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 54, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4066, 15.0558, 1.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 54, 0) }
```

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

```
.background{ background-color: rgb(201, 54,  
0) }
```

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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