

Converting Colors

XYZ(25.9948, 15.4289, 1.6080)

Have a look what the booklet for
XYZ(25.9948, 15.4289, 1.6080)
contains.

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Color

**XYZ(25.9948, 15.4289,
1.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3700
RGB	203, 55, 0
RGB Percent	80%, 22%, 0%
CMY	0.2039, 0.7843, 1.0000
CMYK	0.00, 0.73, 1.00, 0.20
HSL	16°, 100%, 40%
HSV	16°, 100%, 80%
XYZ	25.9948, 15.4289, 1.6080
YIQ	92.9820, 105.8630, 14.2710

Conversions

Conversions Part 2

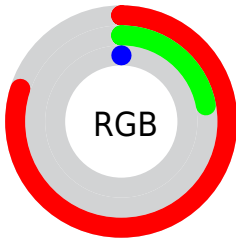
Format	Color
R_{YB}	203, 75, 0
Decimal	13317888
CIE Lab	46.22, 56.38, 58.20
CIE LCh	46, 81.031, 45.910
Yxy	15.4289, 0.6041, 0.3585
Android (android.graphics.Color)	4291507968 (0xFFCB3700)
YUV	92.9820, -45.8401, 96.4858
Hunter-Lab	39.2796, 49.3898, 25.0686

Details

The XYZ color **25.9948, 15.4289, 1.6080** 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 **21.3679, 25.4886, 60.2930**, and the grayscale version is **10.4877, 11.0339, 12.0159**.

A 20% lighter version of the original color is **47.7727, 33.1437, 7.7504**, and **10.6475, 5.4890, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **25.9950, 15.4297, 1.6081**, and if you desaturate by 10%, it is **26.9357, 17.1046, 2.5579**.

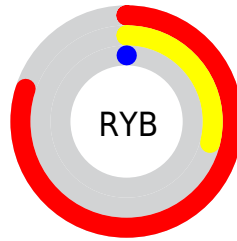
Distribution



Red (80%)

Green (22%)

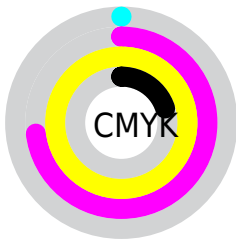
Blue (0%)



Red (80%)

Yellow (29%)

Blue (0%)

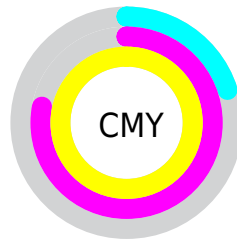


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (78%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9948, 15.4289, 1.6080 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 25.9948, 15.4289, 1.6080 by changing the saturation by 10% instead.

 25.9948, 15.4289,
1.6080


 25.9948, 15.4289,
1.6080


 275.0137,
225.9478, 115.9578


 16.9524, 9.1209,
0.2965


 52.6979, 35.6039,
7.9384


 10.2957, 4.8202,
0.0000


 71.0894, 50.2397,
13.9367

 5.6592, 2.1421,
0.0000

 93.3279, 68.4202,
22.3818

 2.6777, 0.6882,
0.0000

 119.7788, 90.5299,
33.6922

 0.9857, 0.0000,
0.0000


 150.8075,
116.9531, 48.2865


 0.0000, 0.0000,
0.0000


 186.7793,


148.0742, 66.5831


 228.0596,
184.2776, 89.0007


 25.9948, 15.4289,
1.6080


 25.9948, 15.4289,
1.6080


 25.9950, 15.4297,
1.6081

 26.9357, 17.1046,
2.5579

 28.2395, 19.2893,
4.2964

 29.9687, 22.0335,
7.0744

 32.1619, 25.3749,
11.0271

 34.8531, 29.3480,
16.2690

■ 38.0727, 33.9841,
22.9010

■ 41.8487, 39.3127,
31.0137

■ 46.2067, 45.3613,
40.6902

■ 51.1710, 52.1557,
52.0072

Harmonies

Analogous

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



31.5234, 15.4289, 8.3751



25.9948, 15.4289, 1.6080



18.1448, 15.4289, 0.0762

Triad

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



25.9948, 15.4289, 1.6080



5.1809, 15.4289, 9.1312



18.6189, 15.4289, 86.4502

Complementary

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



25.9948, 15.4289, 1.6080



21.3679, 25.4886, 60.2930

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.



11.6607, 15.4289, 87.3865



25.9948, 15.4289, 1.6080



5.2357, 15.4289, 29.5460

Square

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



25.9948, 15.4289, 1.6080



7.0391, 15.4289, 1.7937



7.2237, 15.4289, 61.6630



26.4346, 15.4289, 59.6505

Rectangle

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



25.9948, 15.4289, 1.6080



13.3381, 15.4289, 0.0000



7.2237, 15.4289, 61.6630



16.0765, 15.4289, 90.2483

Sweetspot

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



25.9951, 15.4298, 1.6082



69.8026, 65.4473, 51.3368



30.0426, 14.8621, 29.6633



14.3410, 13.1658, 9.6885



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.



25.9951, 15.4298, 1.6082



43.3743, 25.5286, 2.6414



36.4554, 36.3505, 5.0950



11.4556, 11.7001, 11.7340



16.6087, 9.9503, 1.0452



0.9211, 0.6419, 0.0753

Inverse Universe

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



21.3679, 25.4886, 60.2930



35.5877, 42.2954, 100.8959



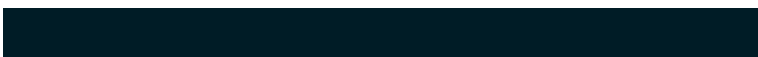
11.8107, 6.3744, 57.1073



11.2762, 12.1928, 14.3295



13.6773, 16.3786, 38.3968



0.7664, 0.9666, 2.0011

Previews

White Background



This preview shows how the XYZ color 25.9948, 15.4289, 1.6080 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 25.9948, 15.4289, 1.6080 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 25.9948, 15.4289, 1.6080

Background



This preview shows how black text looks on a background with the XYZ color 25.9948, 15.4289, 1.6080.



This preview shows how white text looks on a background with the XYZ color 25.9948, 15.4289,

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

25.9948, 15.4289, 1.6080

Protanopia

14.1513, 15.7158, 3.0982

Deuteranopia

15.6990, 15.5921, 2.1822



Tritanopia

26.7283, 15.4621, 4.9439

Trichromacy



Original Color

25.9948, 15.4289, 1.6080

Protanomaly

16.9642, 14.2890, 2.3159

Deuteranomaly

18.3085, 14.4978, 1.8334

Tritanomaly

26.4186, 15.4088, 3.0952

Monochromacy



Original Color

25.9948, 15.4289, 1.6080

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.2583, 10.8943, 5.5417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9948, 15.4289, 1.6080 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(203, 55, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 55, 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(203, 55, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 55, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.9948, 15.4289, 1.6080 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(203, 55, 0) }
```


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

```
.border{ border-color:rgb(203, 55, 0) }
```

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

Here you see how a box with a 4 pixel rgb(203, 55, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 55, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 55, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 55, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9948, 15.4289, 1.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 55, 0) }
```

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

```
.background{ background-color: rgb(203, 55,  
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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