

Converting Colors

XYZ(25.9614, 15.9856, 1.7172)

Have a look what the booklet for
XYZ(25.9614, 15.9856, 1.7172)
contains.

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Color

**XYZ(25.8649, 15.9725,
1.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	C93F00
RGB	201, 63, 0
RGB Percent	79%, 25%, 0%
CMY	0.2118, 0.7529, 1.0000
CMYK	0.00, 0.69, 1.00, 0.21
HSL	19°, 100%, 39%
HSV	19°, 100%, 79%
XYZ	25.8649, 15.9725, 1.7198
YIQ	97.0800, 102.4710, 9.6630

Conversions

Conversions Part 2

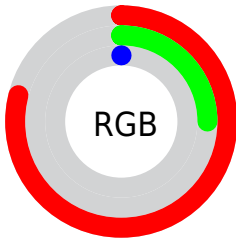
Format	Color
RYB	201, 92, 0
Decimal	13188864
CIELab	46.94, 52.73, 58.33
CIElCh	47, 78.631, 47.891
Yxy	15.9725, 0.5938, 0.3667
Android (android.graphics.Color)	4291378944 (0xFFC93F00)
YUV	97.0800, -47.8604, 91.1378
Hunter-Lab	39.9656, 45.5816, 25.4246

Details

The XYZ color **25.8649, 15.9725, 1.7198** 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 **19.6302, 22.3922, 58.5454**, and the grayscale version is **11.4793, 12.0771, 13.1520**.

A 20% lighter version of the original color is **48.4822, 34.5224, 8.1112**, and **10.4812, 5.4033, 0.4905** is the 20% darker color. If you saturate the color by 10%, you get **25.8651, 15.9732, 1.7199**, and if you desaturate by 10%, it is **26.8549, 17.7493, 2.6772**.

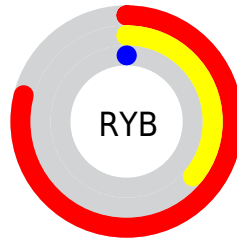
Distribution



Red (79%)

Green (25%)

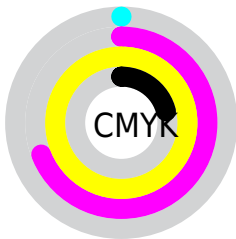
Blue (0%)



Red (79%)

Yellow (36%)

Blue (0%)

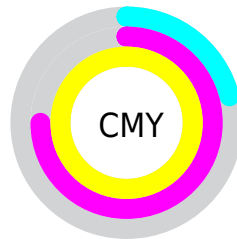


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (21%)



Cyan (21%)


Magenta (75%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8649, 15.9725, 1.7198 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 25.8649, 15.9725, 1.7198 by changing the saturation by 10% instead.


 25.8649, 15.9725,
1.7198


 25.8649, 15.9725,
1.7198


 274.3871,
229.1794, 117.8619


 16.8547, 9.5047,
0.3742


 52.4898, 36.5505,
8.2596


 10.2256, 5.0718,
0.0000


 70.8352, 51.4294,
14.4030

 5.6122, 2.2895,
0.0000

 93.0231, 69.8808,
23.0202

 2.6492, 0.7681,
0.0000

 119.4188, 92.2892,
34.5298

 0.9711, 0.0000,
0.0000


 150.3877,
119.0388, 49.3502


 0.0000, 0.0000,
0.0000


 186.2952,


150.5141, 67.9000


 227.5065,
187.0995, 90.5977


 25.8649, 15.9725,
1.7198


 25.8649, 15.9725,
1.7198


 25.8651, 15.9732,
1.7199

 26.8549, 17.7493,
2.6772

 28.1813, 19.9873,
4.3983

 29.9022, 22.7296,
7.1284

 32.0529, 26.0081,
10.9985

 34.6639, 29.8513,
16.1196

■ 37.7629, 34.2858,
22.5894

■ 41.3751, 39.3362,
30.4956

■ 45.5239, 45.0257,
39.9187

■ 50.2311, 51.3763,
50.9331

Harmonies

Analogous

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



31.5275, 15.9725, 8.1707



25.8649, 15.9725, 1.7198



18.1224, 15.9725, 0.2829

Triad

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



25.8649, 15.9725, 1.7198



5.5866, 15.9725, 10.6050



19.6085, 15.9725, 83.8811

Complementary

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



25.8649, 15.9725, 1.7198



19.6302, 22.3922, 58.5454

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.



12.5772, 15.9725, 86.7302



25.8649, 15.9725, 1.7198



5.7655, 15.9725, 31.7827

Square

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



25.8649, 15.9725, 1.7198



7.3430, 15.9725, 2.3633



7.9386, 15.9725, 63.2172



27.2313, 15.9725, 57.0544

Rectangle

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



25.8649, 15.9725, 1.7198



13.4403, 15.9725, 0.2127



7.9386, 15.9725, 63.2172



17.0667, 15.9725, 88.1483

Sweetspot

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



25.8652, 15.9735, 1.7200



70.5596, 66.9613, 51.5891



28.8727, 14.3317, 26.3272



14.5167, 13.5172, 9.7470



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.



25.8652, 15.9735, 1.7200



44.1038, 26.9877, 2.8846



36.7972, 37.8374, 5.3640



10.9006, 11.1704, 11.1443



16.3360, 10.1891, 1.1057



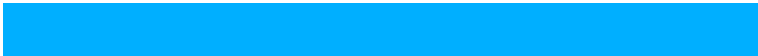
0.8390, 0.6134, 0.0742

Inverse Universe

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



19.6302, 22.3922, 58.5454



33.3928, 37.9056, 100.1643



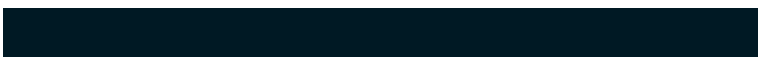
11.3082, 5.7483, 55.7714



10.6554, 11.4850, 13.5727



12.4276, 14.2492, 36.8397



0.6511, 0.8000, 1.7652

Previews

White Background



This preview shows how the XYZ color 25.8649, 15.9725, 1.7198 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 25.8649, 15.9725, 1.7198 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 25.8649, 15.9725, 1.7198

Background



This preview shows how black text looks on a background with the XYZ color 25.8649, 15.9725, 1.7198.



This preview shows how white text looks on a background with the XYZ color 25.8649, 15.9725,

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

25.8649, 15.9725, 1.7198

Protanopia

14.5432, 16.0819, 3.0967

Deuteranopia

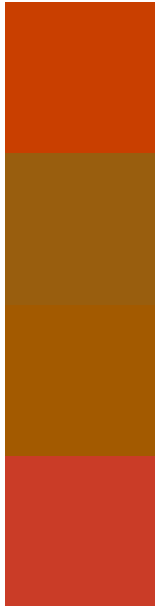
16.1385, 15.9708, 2.2321



Tritanopia

26.7634, 16.0214, 6.0967

Trichromacy



Original Color

25.8649, 15.9725, 1.7198

Protanomaly

17.2188, 14.8094, 2.3664

Deuteranomaly

18.7604, 15.0989, 1.9256

Tritanomaly

26.3392, 15.9348, 3.6069

Monochromacy



Original Color

25.8649, 15.9725, 1.7198

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.1097, 11.9957, 6.1292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8649, 15.9725, 1.7198 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, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(201, 63, 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, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 63, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8649, 15.9725, 1.7198 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, 63, 0) }
```


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

```
.border{ border-color:rgb(201, 63, 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, 63, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 63, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 63, 0);  
box-shadow:4px 4px 4px 4px rgb(201, 63, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.8649, 15.9725, 1.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 63, 0) }
```

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

```
.background{ background-color: rgb(201, 63,  
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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