

Converting Colors

XYZ(25.0848, 14.9488, 2.5323)

Have a look what the booklet for
XYZ(25.0848, 14.9488, 2.5323)
contains.

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Color

**XYZ(25.1058, 14.9491,
2.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	C7371A
RGB	199, 55, 26
RGB Percent	78%, 22%, 10%
CMY	0.2196, 0.7843, 0.8980
CMYK	0.00, 0.72, 0.87, 0.22
HSL	10°, 77%, 44%
HSV	10°, 87%, 78%
XYZ	25.1058, 14.9491, 2.5395
YIQ	94.7500, 95.1330, 21.5090

Conversions

Conversions Part 2

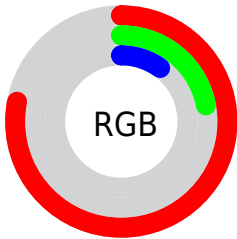
Format	Color
RYB	199, 61, 26
Decimal	13055770
CIELab	45.56, 55.45, 49.00
CIELCh	46, 73.997, 41.470
Yxy	14.9491, 0.5894, 0.3510
Android (android.graphics.Color)	4291245850 (0xFFC7371A)
YUV	94.7500, -33.8937, 91.4273
Hunter-Lab	38.6641, 48.2436, 23.1706

Details

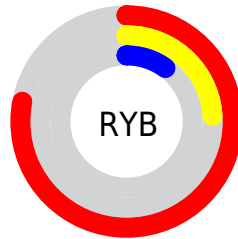
The XYZ color **25.1058, 14.9491, 2.5395** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **25.1073, 33.0884, 59.0957**, and the grayscale version is **10.8810, 11.4476, 12.4665**.

A 20% lighter version of the original color is **48.1605, 33.1233, 10.3337**, and **10.1533, 5.2342, 0.4752** is the 20% darker color. If you saturate the color by 10%, you get **24.2939, 13.5704, 1.5141**, and if you desaturate by 10%, it is **26.3340, 16.9183, 4.4521**.

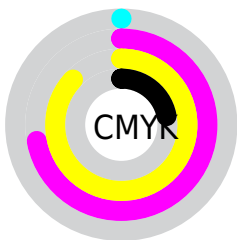
Distribution



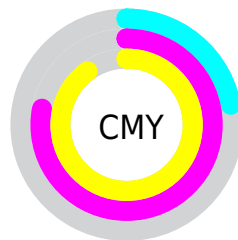
- Red (78%)
- Green (22%)
- Blue (10%)



- Red (78%)
- Yellow (24%)
- Blue (10%)



- Cyan (0%)
- Magenta (72%)
- Yellow (87%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1058, 14.9491, 2.5395 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 25.1058, 14.9491, 2.5395 by changing the saturation by 10% instead.


 25.1058, 14.9491,
2.5395


 25.1058, 14.9491,
2.5395


270.7024,
223.0579, 130.2602


 16.2850, 8.7837,
0.8610


 51.2705, 34.7639,
10.4693


 9.8182, 4.6003,
0.0000


 69.3451, 49.1820,
17.5612


 5.3399, 2.0147,
0.0000

 91.2351, 67.1198,
27.2960

 2.4849, 0.6160,
0.0000

 117.3057, 88.9617,
40.0920


 0.8876, 0.0000,
0.0000


 147.9224,
115.0920, 56.3679


 0.0000, 0.0000,
0.0000


 183.4505,


145.8953, 76.5422


 224.2554,
181.7558, 101.0335


 25.1058, 14.9491,
2.5395

 25.1058, 14.9491,
2.5395


 24.2939, 13.5704,
1.5141


 26.3340, 16.9183,
4.4521

 24.1071, 13.2504,
1.2870

 28.0314, 19.5349,
7.4167

 30.2417, 22.8511,
11.5578

 33.0030, 26.9129,
16.9822

 36.3501, 31.7624,
23.7849

■ 40.3145, 37.4383,
32.0516

■ 44.9255, 43.9769,
41.8613

■ 50.2106, 51.4124,
53.2869

■ 56.1956, 59.7769,
66.3971

Harmonies

Analogous

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



29.3312, 14.9491, 10.4028



25.1058, 14.9491, 2.5395



18.3309, 14.9491, 0.5871

Triad

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



25.1058, 14.9491, 2.5395



5.6557, 14.9491, 7.6783



16.7058, 14.9491, 77.6230

Complementary

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



25.1058, 14.9491, 2.5395



25.1073, 33.0884, 59.0957

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.



10.7560, 14.9491, 74.5893



25.1058, 14.9491, 2.5395



5.4531, 14.9491, 24.0280

Square

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



25.1058, 14.9491, 2.5395



7.7013, 14.9491, 1.7736



7.0335, 14.9491, 50.8292



23.6232, 14.9491, 57.4290

Rectangle

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



25.1058, 14.9491, 2.5395



13.9060, 14.9491, 0.3206



7.0335, 14.9491, 50.8292



14.5157, 14.9491, 79.5328

Sweetspot

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



25.1061, 14.9500, 2.5397



71.0049, 66.1454, 56.9985



31.1938, 15.7894, 39.5162



14.6440, 13.3678, 11.0355



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.



25.1061, 14.9500, 2.5397



42.0952, 22.9704, 2.2151



33.3135, 31.3647, 5.2755



10.7752, 10.9196, 11.1025



15.5456, 8.6085, 0.8423



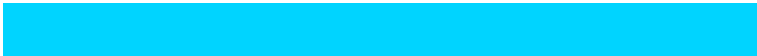
0.7821, 0.4997, 0.0552

Inverse Universe

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



25.1073, 33.0884, 59.0957



41.6532, 54.4264, 102.9177



13.8792, 10.6322, 55.3530



10.7895, 11.7531, 13.6174



15.4094, 20.2128, 37.8337



0.7709, 1.0397, 1.8052

Previews

White Background



This preview shows how the XYZ color 25.1058, 14.9491, 2.5395 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 25.1058, 14.9491, 2.5395

Background



This preview shows how black text looks on a background with the XYZ color 25.1058, 14.9491, 2.5395.



This preview shows how white text looks on a background with the XYZ color 25.1058, 14.9491,

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

25.1058, 14.9491, 2.5395

Protanopia

13.7200, 15.1487, 4.1203

Deuteranopia

15.1668, 15.0189, 2.0996



Tritanopia

25.7133, 15.0017, 5.0304

Trichromacy



Original Color

25.1058, 14.9491, 2.5395

Protanomaly

16.2555, 13.6498, 3.2913

Deuteranomaly

17.8743, 14.1489, 2.0474

Tritanomaly

25.5471, 15.0074, 3.9331

Monochromacy



Original Color

25.1058, 14.9491, 2.5395

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

13.6470, 11.1661, 7.2303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1058, 14.9491, 2.5395 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(199, 55, 26)` looks like.

```
.text, #text, p{  
    color:rgb(199, 55, 26)  
}
```

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(199, 55, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 55, 26) }
```

Border

The CSS property to change the border of an element to XYZ 25.1058, 14.9491, 2.5395 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(199, 55, 26) }
```


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

```
.border{ border-color:rgb(199, 55, 26) }
```

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

Here you see how a box with a 4 pixel rgb(199, 55, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 55, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 55, 26);  
box-shadow:4px 4px 4px 4px rgb(199, 55,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1058, 14.9491, 2.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 55, 26) }
```

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

```
.background{ background-color: rgb(199, 55,  
26) }
```

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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