

Converting Colors

XYZ(24.2531, 14.5768, 1.5353)

Have a look what the booklet for
XYZ(24.2531, 14.5768, 1.5353)
contains.

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Color

**XYZ(24.1791, 14.5641,
1.5368)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C43800 |
| RGB | 196, 56, 0 |
| RGB Percent | 77%, 22%, 0% |
| CMY | 0.2314, 0.7804, 1.0000 |
| CMYK | 0.00, 0.71, 1.00, 0.23 |
| HSL | 17°, 100%, 38% |
| HSV | 17°, 100%, 77% |
| XYZ | 24.1791, 14.5641, 1.5368 |
| YIQ | 91.4760, 101.4160, 12.2640 |

Conversions

Conversions Part 2

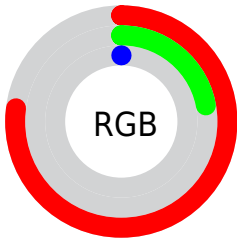
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 78, 0 |
| Decimal | 12859392 |
| CIE _{Lab} | 45.03, 53.75, 56.89 |
| CIE _{LCh} | 45, 78.266, 46.628 |
| Yxy | 14.5641, 0.6003, 0.3616 |
| Android (android.graphics.Color) | 4291049472 (0xFFC43800) |
| YUV | 91.4760, -45.0977, 91.6675 |
| Hunter-Lab | 38.1629, 46.3081, 24.3265 |

Details

The XYZ color **24.1791, 14.5641, 1.5368** 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 **19.3407, 22.7394, 55.5938**, and the grayscale version is **10.1371, 10.6650, 11.6142**.

A 20% lighter version of the original color is **47.6382, 32.9144, 7.5837**, and **9.6729, 4.9865, 0.4527** is the 20% darker color. If you saturate the color by 10%, you get **24.1793, 14.5647, 1.5369**, and if you desaturate by 10%, it is **25.0782, 16.1662, 2.4421**.

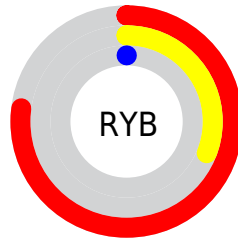
Distribution



Red (77%)

Green (22%)

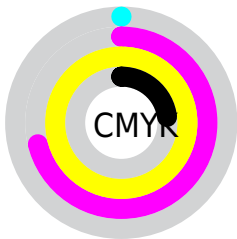
Blue (0%)



Red (77%)

Yellow (31%)

Blue (0%)

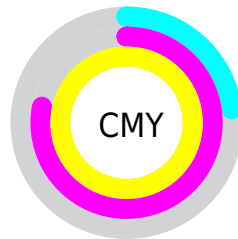


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (78%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1791, 14.5641, 1.5368 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 24.1791, 14.5641, 1.5368 by changing the saturation by 10% instead.


 24.1791, 14.5641,
1.5368

 24.1791, 14.5641,
1.5368


 266.1484,
220.7124, 114.7101


 15.5920, 8.5140,
0.2451


 49.7749, 34.0866,
7.7307


 9.3249, 4.4256,
0.0000


 67.5142, 48.3279,
13.6340

 5.0125, 1.9144,
0.0000

 89.0350, 66.0684,
21.9662

 2.2894, 0.5570,
0.0000

 114.7027, 87.6924,
33.1458


 0.7893, 0.0000,
0.0000


 144.8824,
113.5845, 47.5915


 0.0000, 0.0000,
0.0000


 179.9398,


144.1289, 65.7218


 220.2400,
179.7101, 87.9551


 24.1791, 14.5641,
1.5368


 24.1791, 14.5641,
1.5368


 24.1793, 14.5647,
1.5369

 25.0782, 16.1662,
2.4421

 26.3053, 18.2254,
4.0686

 27.9174, 20.7861,
6.6516

 29.9493, 23.8813,
10.3147

 32.4311, 27.5407,
15.1625

■ 35.3900, 31.7918,
21.2872

■ 38.8509, 36.6601,
28.7716

■ 42.8369, 42.1697,
37.6918

■ 47.3695, 48.3430,
48.1179

Harmonies

Analogous

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



29.3770, 14.5641, 7.7344



24.1791, 14.5641, 1.5368



16.9013, 14.5641, 0.1046

Triad

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



24.1791, 14.5641, 1.5368



4.9660, 14.5641, 9.0014



17.6879, 14.5641, 79.6667

Complementary

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



24.1791, 14.5641, 1.5368



19.3407, 22.7394, 55.5938

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.



11.1774, 14.5641, 81.2031



24.1791, 14.5641, 1.5368



5.0583, 14.5641, 28.2916

Square

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



24.1791, 14.5641, 1.5368



6.6638, 14.5641, 1.8567



6.9735, 14.5641, 57.9926



24.9063, 14.5641, 54.6826

Rectangle

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



24.1791, 14.5641, 1.5368



12.4650, 14.5641, 0.0000



6.9735, 14.5641, 57.9926



15.3184, 14.5641, 83.3693

Sweetspot

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



24.1794, 14.5650, 1.5370



70.0640, 65.9701, 51.4239



27.5329, 13.6430, 26.1741



14.4016, 13.2870, 9.7087



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.



24.1794, 14.5650, 1.5370



43.6139, 26.0077, 2.7213



34.2435, 34.6931, 4.8917



10.3024, 10.5362, 10.5526



15.6008, 9.4875, 1.0090



0.7348, 0.5315, 0.0639

Inverse Universe

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



19.3407, 22.7394, 55.5938



34.8051, 40.7302, 100.6350



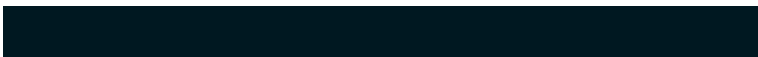
10.8084, 5.6749, 52.7497



10.1175, 10.9263, 12.8606



12.5037, 14.7639, 35.7473



0.5966, 0.7507, 1.5633

Previews

White Background



This preview shows how the XYZ color 24.1791, 14.5641, 1.5368 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 24.1791, 14.5641, 1.5368

Background



This preview shows how black text looks on a background with the XYZ color 24.1791, 14.5641, 1.5368.



This preview shows how white text looks on a background with the XYZ color 24.1791, 14.5641,

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

24.1791, 14.5641, 1.5368

Protanopia

13.3925, 14.8480, 2.9191

Deuteranopia

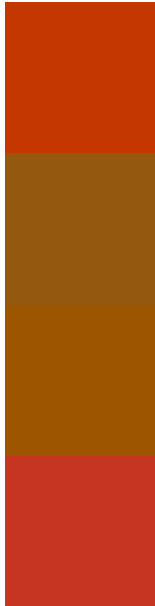
14.9047, 14.7370, 2.0590



Tritanopia

24.9198, 14.5926, 4.9933

Trichromacy



Original Color

24.1791, 14.5641, 1.5368

Protanomaly

15.8644, 13.4724, 2.1797

Deuteranomaly

17.3491, 13.7661, 1.7427

Tritanomaly

24.5878, 14.5320, 3.0224

Monochromacy



Original Color

24.1791, 14.5641, 1.5368

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

12.5414, 10.4214, 5.3535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1791, 14.5641, 1.5368 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(196, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 56, 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(196, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 56, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.1791, 14.5641, 1.5368 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(196, 56, 0) }
```


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

```
.border{ border-color:rgb(196, 56, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 56, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 56, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.1791, 14.5641, 1.5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 56, 0) }
```

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

```
.background{ background-color: rgb(196, 56,  
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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