

Converting Colors

XYZ(25.4933, 16.3011, 3.1466)

Have a look what the booklet for
XYZ(25.4933, 16.3011, 3.1466)
contains.

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Color

**XYZ(25.4148, 16.2308,
3.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	C54520
RGB	197, 69, 32
RGB Percent	77%, 27%, 13%
CMY	0.2275, 0.7294, 0.8745
CMYK	0.00, 0.65, 0.84, 0.23
HSL	13°, 72%, 45%
HSV	13°, 84%, 77%
XYZ	25.4148, 16.2308, 3.1599
YIQ	103.0540, 88.1650, 15.6290

Conversions

Conversions Part 2

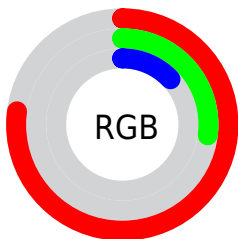
Format	Color
R_{YB}	197, 80, 32
Decimal	12928288
CIE _{Lab}	47.28, 49.38, 47.64
CIE _{LCh}	47, 68.612, 43.969
Yxy	16.2308, 0.5672, 0.3623
Android (android.graphics.Color)	4291118368 (0xFFC54520)
YUV	103.0540, -35.0296, 82.3906
Hunter-Lab	40.2875, 42.1012, 23.5509

Details

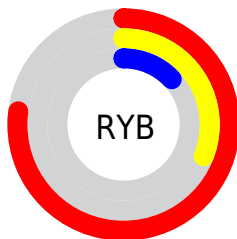
The XYZ color **25.4148, 16.2308, 3.1599** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark muted red. A complement of this color would be **23.2434, 29.4777, 57.2877**, and the grayscale version is **12.9806, 13.6566, 14.8721**.

A 20% lighter version of the original color is **49.7709, 36.0051, 11.9159**, and **10.0134, 5.1943, 0.4748** is the 20% darker color. If you saturate the color by 10%, you get **24.4005, 14.5105, 1.8723**, and if you desaturate by 10%, it is **26.8318, 18.5012, 5.3706**.

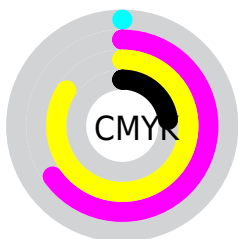
Distribution



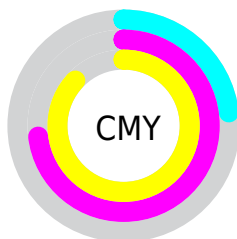
- Red (77%)
- Green (27%)
- Blue (13%)



- Red (77%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (84%)
- Black (23%)





- Cyan (23%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4148, 16.2308, 3.1599 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 25.4148, 16.2308, 3.1599 by changing the saturation by 10% instead.


 25.4148, 16.2308,
3.1599


 25.4148, 16.2308,
3.1599


272.2071,
230.6998, 138.3718


 16.5167, 9.6876,
1.1769


 51.7674, 36.9984,
12.0205


 9.9837, 5.1923,
0.0000


 69.9527, 51.9917,
19.7352

 5.4503, 2.3606,
0.0000

 91.9644, 70.5704,
30.1974

 2.5513, 0.8055,
0.0000

 118.1679, 93.1189,
43.8258

 0.9212, 0.0000,
0.0000

 148.9286,
120.0218, 61.0389

 0.0000, 0.0000,
0.0000

 184.6118,

151.6633, 82.2553

225.5828,
188.4278, 107.8934

25.4148, 16.2308,
3.1599

25.4148, 16.2308,
3.1599

24.4005, 14.5105,
1.8723

26.8318, 18.5012,
5.3706

23.9333, 13.6853,
1.3801

28.6922, 21.3626,
8.6402

31.0325, 24.8552,
13.0825

33.8847, 29.0146,
18.7962

37.2779, 33.8736,
25.8696

■ 41.2392, 39.4629,
34.3829

■ 45.7935, 45.8113,
44.4103

■ 50.9643, 52.9460,
56.0207

■ 56.7739, 60.8929,
69.2787

Harmonies

Analogous

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



29.7077, 16.2308, 10.7836



25.4148, 16.2308, 3.1599



18.8705, 16.2308, 1.0937

Triad

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



25.4148, 16.2308, 3.1599



6.7245, 16.2308, 9.9713



18.4115, 16.2308, 73.7950

Complementary

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



25.4148, 16.2308, 3.1599



23.2434, 29.4777, 57.2877

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.



12.4300, 16.2308, 72.9928



25.4148, 16.2308, 3.1599



6.6624, 16.2308, 27.0055

Square

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



25.4148, 16.2308, 3.1599



8.6734, 16.2308, 2.8983



8.4732, 16.2308, 52.4008



25.0039, 16.2308, 54.1711

Rectangle

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



25.4148, 16.2308, 3.1599



14.6349, 16.2308, 0.9133



8.4732, 16.2308, 52.4008



16.2469, 16.2308, 76.1697

Sweetspot

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



25.4152, 16.2317, 3.1602



72.6341, 68.9579, 58.9165



29.9975, 15.4854, 35.2419



14.9924, 13.9793, 11.4144



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.



25.4152, 16.2317, 3.1602



42.7126, 24.2052, 2.4209



34.2329, 33.8672, 6.0994



10.8236, 11.0164, 11.1187



15.7945, 9.1062, 0.9252



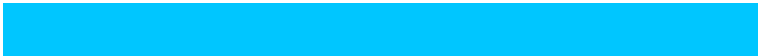
0.8040, 0.5435, 0.0625

Inverse Universe

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



23.2434, 29.4777, 57.2877



38.2003, 47.5206, 101.7668



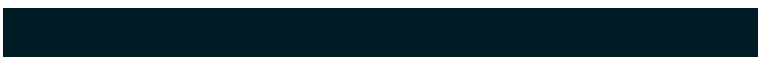
13.4518, 9.8944, 54.0238



10.7372, 11.6484, 13.5999



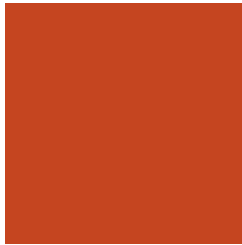
14.1663, 17.7264, 37.4193



0.7219, 0.9416, 1.7888

Previews

White Background



This preview shows how the XYZ color 25.4148, 16.2308, 3.1599 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 25.4148, 16.2308, 3.1599 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 25.4148, 16.2308, 3.1599

Background



This preview shows how black text looks on a background with the XYZ color 25.4148, 16.2308, 3.1599.



This preview shows how white text looks on a background with the XYZ color 25.4148, 16.2308,

3.1599.

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

25.4148, 16.2308, 3.1599

Protanopia

14.9454, 16.4203, 4.6672

Deuteranopia

16.5066, 16.3036, 2.7671



Tritanopia

26.2532, 16.2160, 7.3765

Trichromacy



Original Color

25.4148, 16.2308, 3.1599

Protanomaly

17.5898, 15.3713, 3.9593

Deuteranomaly

18.9595, 15.5680, 2.7647

Tritanomaly

25.9507, 16.1877, 5.4982

Monochromacy



Original Color

25.4148, 16.2308, 3.1599

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.3972, 13.3364, 8.7838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4148, 16.2308, 3.1599 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(197, 69, 32)` looks like.

```
.text, #text, p{  
    color:rgb(197, 69, 32)  
}
```

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(197, 69, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 69, 32) }
```

Border

The CSS property to change the border of an element to XYZ 25.4148, 16.2308, 3.1599 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(197, 69, 32) }
```


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

```
.border{ border-color:rgb(197, 69, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 69, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 69, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 69, 32);  
box-shadow:4px 4px 4px 4px rgb(197, 69,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4148, 16.2308, 3.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 69, 32) }
```

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

```
.background{ background-color: rgb(197, 69,  
32) }
```

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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