

Converting Colors

XYZ(25.3466, 48.3198, 11.1227)

Have a look what the booklet for
XYZ(25.3466, 48.3198, 11.1227)
contains.

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Color

**XYZ(25.3466, 48.3198,
11.1227)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2AD533 |
| RGB | 42, 213, 51 |
| RGB Percent | 16%, 84%, 20% |
| CMY | 0.8353, 0.1647, 0.8000 |
| CMYK | 0.80, 0.00, 0.76, 0.16 |
| HSL | 123°, 67%, 50% |
| HSV | 123°, 80%, 84% |
| XYZ | 25.3466, 48.3198, 11.1227 |
| YIQ | 143.4030, -49.9140, -86.6340 |

Conversions

Conversions Part 2

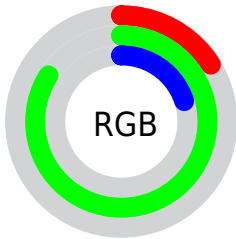
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 42, 204, 213 |
| Decimal | 2807091 |
| CIE _{Lab} | 75.03, -70.52, 63.45 |
| CIE _{LCh} | 75, 94.863, 138.022 |
| Yxy | 48.3198, 0.2989, 0.5699 |
| Android (android.graphics.Color) | 4280997171 (0xFF2AD533) |
| YUV | 143.4030, -45.5547, -88.9304 |
| Hunter-Lab | 69.5124, -56.5596, 39.1717 |

Details

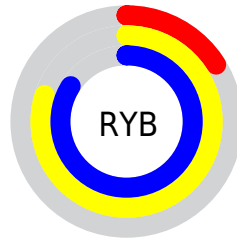
The XYZ color **25.3466, 48.3198, 11.1227** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **39.1683, 20.1620, 58.9517**, and the grayscale version is **26.4617, 27.8398, 30.3175**.

A 20% lighter version of the original color is **46.0745, 76.5246, 26.5297**, and **12.0570, 24.1139, 4.0190** is the 20% darker color. If you saturate the color by 10%, you get **24.3432, 47.8447, 9.2364**, and if you desaturate by 10%, it is **27.0076, 49.1145, 14.0490**.

Distribution



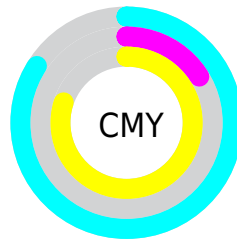
- Red (16%)
- Green (84%)
- Blue (20%)



- Red (16%)
- Yellow (80%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (16%)





- Cyan (84%)
- Magenta (16%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3466, 48.3198, 11.1227 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 25.3466, 48.3198, 11.1227 by changing the saturation by 10% instead.


 25.3466, 48.3198,
11.1227


 25.3466, 48.3198,
11.1227


271.8756,
380.0583, 209.2750


 16.4656, 34.0802,
6.0342


 51.6578, 87.6804,
28.5269


 9.9471, 22.9552,
2.7968


 69.8187, 113.5701,
41.6798


 5.4259, 14.5605,
0.9918


 91.8036, 144.1121,
58.3578

 2.5366, 8.5115,
0.0000

 117.9779,
179.6906, 78.9796

 0.9137, 4.4239,
0.0000

 148.7068,
220.6901, 103.9637

 0.0000, 1.9134,
0.0000

184.3559,

 0.0000, 0.5564,

267.4949, 133.7286

0.0000

225.2903,
320.4896, 168.6928

■ 0.0000, 0.0000,
0.0000

■ 25.3466, 48.3198,
11.1227

■ 25.3466, 48.3198,
11.1227

■ 24.3432, 47.8447,
9.2364

■ 27.0076, 49.1145,
14.0490


■ 23.8569, 47.6152,
8.2566


■ 29.4094, 50.2647,
18.1319


■ 32.6264, 51.8082,
23.4762


■ 36.7233, 53.7762,
30.1738

■ 41.7580, 56.1969,
38.3084

 47.7837, 59.0959,
47.9566

 54.8494, 62.4972,
59.1899

 63.0011, 66.4228,
72.0750

 72.2819, 70.8937,
86.6748

Harmonies

Analogous

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



36.3720, 48.3198, 4.0448



25.3466, 48.3198, 11.1227



20.4393, 48.3198, 35.1924

Triad

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



25.3466, 48.3198, 11.1227



39.3542, 48.3198, 211.9974



85.4457, 48.3198, 28.2714

Complementary

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



25.3466, 48.3198, 11.1227



39.1683, 20.1620, 58.9517

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.



86.8283, 48.3198, 74.9992



25.3466, 48.3198, 11.1227



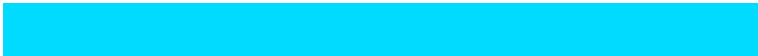
57.0229, 48.3198, 205.4727

Square

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



25.3466, 48.3198, 11.1227



27.0547, 48.3198, 160.1780



75.4087, 48.3198, 145.6958



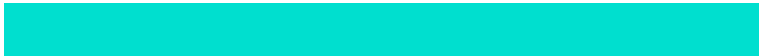
72.0044, 48.3198, 8.7845

Rectangle

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



25.3466, 48.3198, 11.1227



20.2074, 48.3198, 67.0808



75.4087, 48.3198, 145.6958



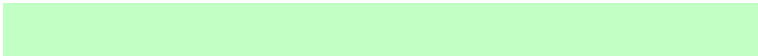
87.4403, 48.3198, 40.3895

Sweetspot

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



25.3477, 48.3218, 11.1238



68.0376, 86.9952, 66.0433



49.2396, 60.6593, 11.3036



13.8743, 18.2893, 13.0328



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.



25.3477, 48.3218, 11.1238



36.0433, 71.6481, 12.7454



29.1977, 49.8618, 31.3972



12.2887, 13.9065, 13.3346



14.5839, 29.0889, 5.1045



0.8892, 1.7583, 0.3581

Inverse Universe

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



39.1683, 20.1620, 58.9517



57.3935, 27.8986, 86.4473



31.5965, 17.1333, 19.0791



12.9235, 12.6209, 15.5372



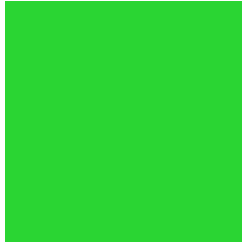
23.2702, 11.2444, 35.0567



1.4124, 0.6817, 2.1611

Previews

White Background



This preview shows how the XYZ color 25.3466, 48.3198, 11.1227 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.3466, 48.3198, 11.1227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

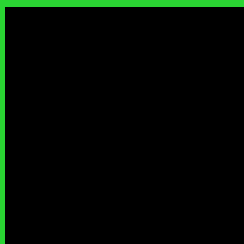
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3466, 48.3198, 11.1227

Background



This preview shows how black text looks on a background with the XYZ color 25.3466, 48.3198, 11.1227.



This preview shows how white text looks on a background with the XYZ color 25.3466, 48.3198,

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

25.3466, 48.3198, 11.1227

Protanopia

42.8231, 47.1632, 9.1319

Deuteranopia

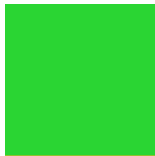
48.1441, 47.1713, 11.8777



Tritanopia

37.4085, 48.1860, 71.6192

Trichromacy



Original Color

25.3466, 48.3198, 11.1227



Protanomaly

31.6390, 44.8918, 9.5822



Deuteranomaly

33.3227, 43.7769, 11.1084



Tritanomaly

30.4898, 47.0888, 38.4924

Monochromacy



Original Color

25.3466, 48.3198, 11.1227



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

22.7610, 32.1952, 19.7665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3466, 48.3198, 11.1227 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(42, 213, 51)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 51)  
}
```

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(42, 213, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 51) }
```

Border

The CSS property to change the border of an element to XYZ 25.3466, 48.3198, 11.1227 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(42, 213, 51) }
```


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

```
.border{ border-color:rgb(42, 213, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 213, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 213, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 213, 51);  
box-shadow:4px 4px 4px 4px rgb(42, 213,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3466, 48.3198, 11.1227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 213, 51) }
```

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

```
.background{ background-color: rgb(42, 213,  
51) }
```

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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