

Converting Colors

XYZ(25.4022, 49.8256, 11.4850)

Have a look what the booklet for
XYZ(25.4022, 49.8256, 11.4850)
contains.

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Color

**XYZ(25.4327, 49.8736,
11.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	00D934
RGB	0, 217, 52
RGB Percent	0%, 85%, 20%
CMY	1.0000, 0.1490, 0.7961
CMYK	1.00, 0.00, 0.76, 0.15
HSL	134°, 100%, 43%
HSV	134°, 100%, 85%
XYZ	25.4327, 49.8736, 11.5350
YIQ	133.3070, -76.3670, -97.3190

Conversions

Conversions Part 2

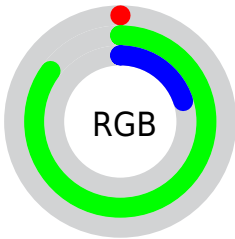
Format	Color
RYB	0, 175, 217
Decimal	55604
CIELab	75.99, -74.32, 63.97
CIELCh	76, 98.059, 139.279
Yxy	49.8736, 0.2929, 0.5743
Android (android.graphics.Color)	4278245684 (0xFF00D934)
YUV	133.3070, -40.0844, -116.9102
Hunter-Lab	70.6212, -59.3043, 39.7507

Details

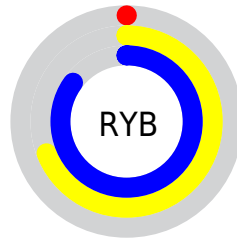
The XYZ color **25.4327, 49.8736, 11.5350** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **35.4081, 17.4691, 37.1038**, and the grayscale version is **22.5696, 23.7450, 25.8583**.

A 20% lighter version of the original color is **44.7588, 75.8339, 27.0302**, and **12.5708, 25.1416, 4.1903** is the 20% darker color. If you saturate the color by 10%, you get **25.4337, 49.8756, 11.5357**, and if you desaturate by 10%, it is **26.1972, 50.2185, 13.8628**.

Distribution



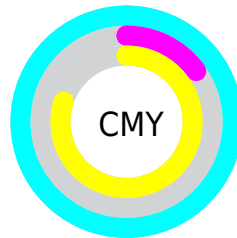
- Red (0%)
- Green (85%)
- Blue (20%)



- Red (0%)
- Yellow (69%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4327, 49.8736, 11.5350 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 25.4327, 49.8736, 11.5350 by changing the saturation by 10% instead.


 25.4327, 49.8736,
11.5350


 25.4327, 49.8736,
11.5350


272.2941,
386.1714, 212.1696


 16.5302, 35.3130,
6.3092


 51.7962, 89.9876,
29.2969


 9.9933, 23.9041,
2.9622


 69.9878, 116.3097,
42.6702

 5.4568, 15.2625,
1.0754


 92.0066, 147.3211,
59.5963

 2.5552, 9.0038,
0.0000

 118.2178,
183.4062, 80.4939

 0.9232, 4.7437,
0.0000

 148.9868,
224.9494, 105.7815

 0.0000, 2.0977,
0.0000

184.6789,

 0.0000, 0.6633,

272.3351, 135.8776

0.0000

225.6596,
325.9476, 171.2008

■ 0.0000, 0.0000,
0.0000

■ 25.4327, 49.8736,
11.5350

■ 25.4327, 49.8736,
11.5350

■ 25.4337, 49.8756,
11.5357

■ 26.1972, 50.2185,
13.8628

■ 27.4672, 50.8060,
16.9547

■ 29.3747, 51.7046,
20.8744

■ 31.9967, 52.9528,
25.6764

■ 35.3986, 54.5831,
31.4102

■ 39.6381, 56.6245,
38.1218

■ 44.7675, 59.1030,
45.8542

■ 50.8347, 62.0424,
54.6477

■ 57.8841, 65.4648,
64.5403

Harmonies

Analogous

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



36.7140, 49.8736, 3.9211



25.4327, 49.8736, 11.5350



20.5646, 49.8736, 37.6392

Triad

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



25.4327, 49.8736, 11.5350



41.1573, 49.8736, 225.5566



88.9524, 49.8736, 27.3754

Complementary

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



25.4327, 49.8736, 11.5350



35.4081, 17.4691, 37.1038

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.



91.0349, 49.8736, 75.2785



25.4327, 49.8736, 11.5350



59.9889, 49.8736, 215.6535

Square

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



25.4327, 49.8736, 11.5350



27.9624, 49.8736, 171.9958



79.3656, 49.8736, 150.0780



74.2475, 49.8736, 8.1501

Rectangle

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



25.4327, 49.8736, 11.5350



20.4767, 49.8736, 72.2170



79.3656, 49.8736, 150.0780



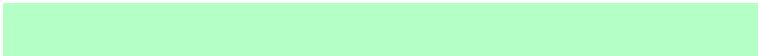
91.2726, 49.8736, 39.6287

Sweetspot

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



25.4339, 49.8757, 11.5361



64.2939, 85.0678, 65.7539



40.6176, 57.7748, 9.0110



13.0572, 17.8674, 13.0237



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.



25.4339, 49.8757, 11.5361



36.6052, 71.8581, 16.3710



31.0838, 52.1356, 41.2884



13.0138, 14.6571, 14.5356



15.4304, 30.2048, 7.1657



1.0335, 1.9703, 0.6424

Inverse Universe

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



35.4081, 17.4691, 37.1038



50.9654, 25.1502, 53.1432



29.3769, 15.0566, 5.3437



13.4740, 13.2187, 15.7574



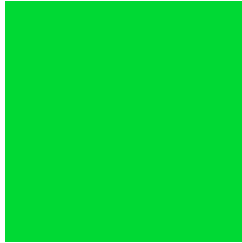
21.4765, 10.5916, 22.6871



1.4241, 0.6993, 1.6423

Previews

White Background



This preview shows how the XYZ color 25.4327, 49.8736, 11.5350 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 25.4327, 49.8736, 11.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

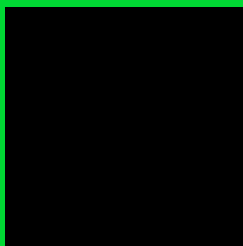
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4327, 49.8736, 11.5350

Background



This preview shows how black text looks on a background with the XYZ color 25.4327, 49.8736, 11.5350.



This preview shows how white text looks on a background with the XYZ color 25.4327, 49.8736,

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

25.4327, 49.8736, 11.5350

Protanopia

44.3080, 48.8550, 9.4775

Deuteranopia

49.8782, 48.6361, 12.3891



Tritanopia

38.1232, 49.5292, 74.5686

Trichromacy



Original Color

25.4327, 49.8736, 11.5350



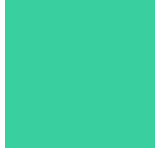
Protanomaly

30.1522, 45.1243, 9.8100



Deuteranomaly

31.7407, 43.9164, 11.5064



Tritanomaly

30.1717, 47.9641, 40.0155

Monochromacy



Original Color

25.4327, 49.8736, 11.5350



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

19.5205, 29.4817, 17.7584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4327, 49.8736, 11.5350 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(0, 217, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 52)  
}
```

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(0, 217, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 52) }
```

Border

The CSS property to change the border of an element to XYZ 25.4327, 49.8736, 11.5350 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(0, 217, 52) }
```


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

```
.border{ border-color:rgb(0, 217, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 217, 52)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4327, 49.8736, 11.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 52) }
```

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

```
.background{ background-color: rgb(0, 217,  
52) }
```

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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