

Converting Colors

XYZ(25.9948, 50.1383, 14.2598)

Have a look what the booklet for
XYZ(25.9948, 50.1383, 14.2598)
contains.

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Color

**XYZ(25.9752, 50.0935,
14.2612)**

Conversions

Conversions Part 1

Format	Color
Hex	02D947
RGB	2, 217, 71
RGB Percent	1%, 85%, 28%
CMY	0.9921, 0.1490, 0.7216
CMYK	0.99, 0.00, 0.67, 0.15
HSL	139°, 98%, 43%
HSV	139°, 99%, 85%
XYZ	25.9752, 50.0935, 14.2612
YIQ	136.0710, -81.2740, -90.9860

Conversions

Conversions Part 2

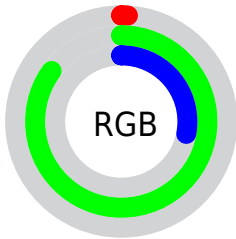
Format	Color
RYB	2, 165, 217
Decimal	186695
CIELab	76.13, -72.63, 57.27
CIELCh	76, 92.490, 141.742
Yxy	50.0935, 0.2876, 0.5546
Android (android.graphics.Color)	4278376775 (0xFF02D947)
YUV	136.0710, -32.0800, -117.5803
Hunter-Lab	70.7768, -58.3495, 37.5971

Details

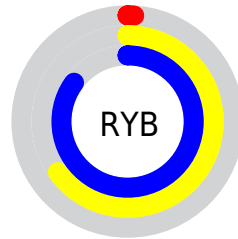
The XYZ color **25.9752, 50.0935, 14.2612** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **33.9838, 16.9341, 29.4963**, and the grayscale version is **23.5681, 24.7955, 27.0023**.

A 20% lighter version of the original color is **45.5893, 76.1522, 32.0347**, and **12.5708, 25.1416, 4.1903** is the 20% darker color. If you saturate the color by 10%, you get **25.9081, 50.0653, 14.0335**, and if you desaturate by 10%, it is **26.8528, 50.4859, 17.0789**.

Distribution



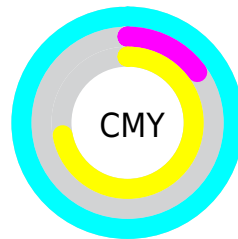
- Red (1%)
- Green (85%)
- Blue (28%)



- Red (1%)
- Yellow (65%)
- Blue (85%)



- Cyan (99%)
- Magenta (0%)
- Yellow (67%)
- Black (15%)





- Cyan (99%)
- Magenta (15%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9752, 50.0935, 14.2612 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 25.9752, 50.0935, 14.2612 by changing the saturation by 10% instead.


 25.9752, 50.0935,
14.2612


 25.9752, 50.0935,
14.2612


274.9192,
387.0315, 230.3344


 16.9377, 35.4877,
8.1617


 52.6665, 90.3134,
34.2755

 10.2851, 24.0388,
4.1094


 71.0510, 116.6963,
49.0275


 5.6521, 15.3624,
1.6855


 93.2819, 147.7736,
67.5007

 2.6733, 9.0741,
0.3508

 119.7245,
183.9299, 90.1137

 0.9835, 4.7896,
0.0000

 150.7442,
225.5494, 117.2851

 0.0000, 2.1243,
0.0000

186.7063,

 0.0000, 0.6783,

273.0166, 149.4333

0.0000

227.9762,
326.7158, 186.9769

■ 0.0000, 0.0000,
0.0000

■ 25.9752, 50.0935,
14.2612

■ 25.9752, 50.0935,
14.2612

■ 25.9081, 50.0653,
14.0335

■ 26.8528, 50.4859,
17.0789

■ 28.2374, 51.1241,
20.5576

■ 30.2426, 52.0674,
24.7400

■ 32.9410, 53.3523,
29.6630

■ 36.3941, 55.0099,
35.3607

■ 40.6567, 57.0678,
41.8652

■ 45.7781, 59.5508,
49.2065

■ 51.8036, 62.4816,
57.4133

■ 58.7754, 65.8815,
66.5126

Harmonies

Analogous

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



36.3213, 50.0935, 5.2792



25.9752, 50.0935, 14.2612



21.6944, 50.0935, 41.9710

Triad

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



25.9752, 50.0935, 14.2612



42.9921, 50.0935, 213.6068



85.6821, 50.0935, 26.3145

Complementary

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



25.9752, 50.0935, 14.2612



33.9838, 16.9341, 29.4963

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.



88.7082, 50.0935, 69.4046



25.9752, 50.0935, 14.2612



61.0299, 50.0935, 199.5413

Square

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



25.9752, 50.0935, 14.2612



29.8404, 50.0935, 168.7815



78.8051, 50.0935, 137.3686



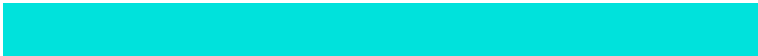
71.3263, 50.0935, 8.7215

Rectangle

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



25.9752, 50.0935, 14.2612



21.9030, 50.0935, 76.3217



78.8051, 50.0935, 137.3686



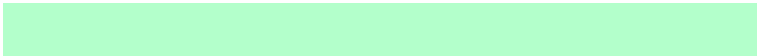
88.1774, 50.0935, 37.3603

Sweetspot

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



25.9764, 50.0956, 14.2623



65.0206, 85.3585, 69.5807



37.2048, 56.0141, 8.9085



13.2257, 17.9348, 13.9110



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.



25.9764, 50.0956, 14.2623



37.2768, 72.1267, 19.9073



32.8334, 52.8384, 50.3709



13.0579, 14.6748, 14.7678



15.7256, 30.3229, 8.7206



1.0574, 1.9799, 0.7684

Inverse Universe

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



33.9838, 16.9341, 29.4963



48.7986, 24.2834, 41.7331



29.0458, 14.9589, 3.4931



13.4273, 13.2000, 15.5116



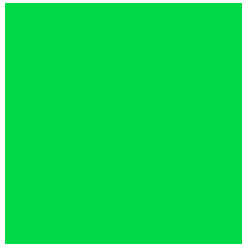
20.5774, 10.2320, 17.9524



1.3718, 0.6783, 1.3667

Previews

White Background



This preview shows how the XYZ color 25.9752, 50.0935, 14.2612 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 25.9752, 50.0935, 14.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

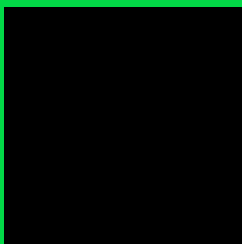
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9752, 50.0935, 14.2612

Background



This preview shows how black text looks on a background with the XYZ color 25.9752, 50.0935, 14.2612.



This preview shows how white text looks on a background with the XYZ color 25.9752, 50.0935,

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

25.9752, 50.0935, 14.2612

Protanopia

44.4685, 48.8866, 11.7949

Deuteranopia

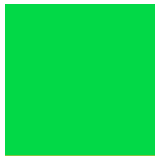
49.9555, 48.9074, 15.1946



Tritanopia

38.1666, 49.9011, 74.6381

Trichromacy



Original Color

25.9752, 50.0935, 14.2612



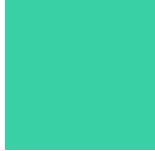
Protanomaly

30.6225, 45.3124, 12.2865



Deuteranomaly

32.2935, 44.4668, 14.2780



Tritanomaly

31.0347, 48.6982, 43.3613

Monochromacy



Original Color

25.9752, 50.0935, 14.2612



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.3102, 30.1064, 20.0699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9752, 50.0935, 14.2612 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(2, 217, 71)` looks like.

```
.text, #text, p{  
    color:rgb(2, 217, 71)  
}
```

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(2, 217, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 217, 71) }
```

Border

The CSS property to change the border of an element to XYZ 25.9752, 50.0935, 14.2612 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(2, 217, 71) }
```


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

```
.border{ border-color:rgb(2, 217, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 217, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 217, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 217, 71);  
box-shadow:4px 4px 4px 4px rgb(2, 217, 71)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9752, 50.0935, 14.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 217, 71) }
```

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

```
.background{ background-color: rgb(2, 217,  
71) }
```

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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