

Converting Colors

XYZ(25.4935, 50.8532, 8.9103)

Have a look what the booklet for
XYZ(25.4935, 50.8532, 8.9103)
contains.

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Color

**XYZ(25.4177, 50.6975,
8.8979)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB0F
RGB	0, 219, 15
RGB Percent	0%, 86%, 6%
CMY	1.0000, 0.1412, 0.9411
CMYK	1.00, 0.00, 0.93, 0.14
HSL	124°, 100%, 43%
HSV	124°, 100%, 86%
XYZ	25.4177, 50.6975, 8.8979
YIQ	130.2630, -65.0400, -109.8720

Conversions

Conversions Part 2

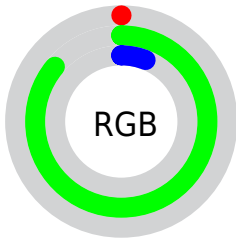
Format	Color
RYB	0, 205, 219
Decimal	56079
CIELab	76.50, -76.55, 72.68
CIELCh	76, 105.563, 136.485
Yxy	50.6975, 0.2990, 0.5963
Android (android.graphics.Color)	4278246159 (0xFF00DB0F)
YUV	130.2630, -56.8247, -114.2407
Hunter-Lab	71.2022, -60.8830, 42.4322

Details

The XYZ color **25.4177, 50.6975, 8.8979** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.1115, 19.4194, 58.7497**, and the grayscale version is **21.5248, 22.6458, 24.6613**.

A 20% lighter version of the original color is **43.9936, 75.5563, 21.7163**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **25.4189, 50.6996, 8.8990**, and if you desaturate by 10%, it is **25.9709, 50.9584, 10.0901**.

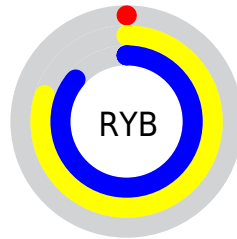
Distribution



Red (0%)

Green (86%)

Blue (6%)



Red (0%)

Yellow (80%)

Blue (86%)

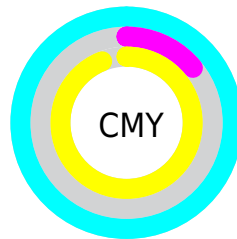


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (14%)



Cyan (100%)


Magenta (14%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4177, 50.6975, 8.8979 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 25.4177, 50.6975, 8.8979 by changing the saturation by 10% instead.


 25.4177, 50.6975,
8.8979


 25.4177, 50.6975,
8.8979


272.2212,
389.3874, 192.8043


 16.5189, 35.9679,
4.5787


 51.7721, 91.2075,
24.2754


 9.9853, 24.4094,
1.9479


 69.9584, 117.7567,
36.1708

 5.4514, 15.6376,
0.5230


 91.9712, 149.0145,
51.4286

 2.5519, 9.2681,
0.0000

 118.1760,
185.3654, 70.4676

 0.9215, 4.9165,
0.0000

 148.9380,
227.1937, 93.7060

 0.0000, 2.1983,
0.0000

 184.6227,

 0.0000, 0.7191,

274.8839, 121.5626

0.0000

225.5953,
328.8203, 154.4559

■ 0.0000, 0.0000,
0.0000

■ 25.4177, 50.6975,
8.8979

■ 25.4177, 50.6975,
8.8979

■ 25.4189, 50.6996,
8.8990

■ 25.9709, 50.9584,
10.0901

■ 27.0721, 51.4799,
12.2279

■ 28.8713, 52.3378,
15.4575

■ 31.4592, 53.5763,
19.8985

■ 34.9128, 55.2329,
25.6545

■ 39.3000, 57.3405,
32.8183

■ 44.6818, 59.9289,
41.4742

■ 51.1141, 63.0252,
51.6999

■ 58.6487, 66.6546,
63.5676

Harmonies

Analogous

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



38.1207, 50.6975, 2.6903



25.4177, 50.6975, 8.8979



19.7294, 50.6975, 33.3419

Triad

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



25.4177, 50.6975, 8.8979



39.7836, 50.6975, 245.0994



94.9959, 50.6975, 29.5718

Complementary

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



25.4177, 50.6975, 8.8979



40.1115, 19.4194, 58.7497

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.



95.8055, 50.6975, 84.9858



25.4177, 50.6975, 8.8979



59.8844, 50.6975, 241.1479

Square

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



25.4177, 50.6975, 8.8979



26.3447, 50.6975, 178.9628



81.6148, 50.6975, 170.3050



79.6376, 50.6975, 7.7601

Rectangle

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



25.4177, 50.6975, 8.8979



19.2834, 50.6975, 68.5307



81.6148, 50.6975, 170.3050



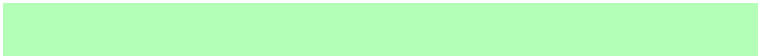
97.0999, 50.6975, 43.7225

Sweetspot

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



25.4189, 50.6996, 8.8990



62.8603, 84.4943, 58.2046



50.3452, 63.5596, 9.6148



12.7288, 17.7361, 11.2945



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.



25.4189, 50.6996, 8.8990



35.8651, 71.5620, 12.4732



28.9771, 52.1229, 27.6362



12.9226, 14.6207, 14.0552



15.0861, 30.0671, 5.3528



0.9903, 1.9531, 0.4152

Inverse Universe

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



40.1115, 19.4194, 58.7497



56.6006, 27.4042, 82.8177



31.2757, 15.8851, 12.2208



13.5738, 13.2586, 16.2829



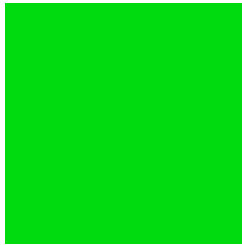
23.7999, 11.5210, 34.9221



1.5537, 0.7511, 2.3248

Previews

White Background



This preview shows how the XYZ color 25.4177, 50.6975, 8.8979 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 25.4177, 50.6975, 8.8979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

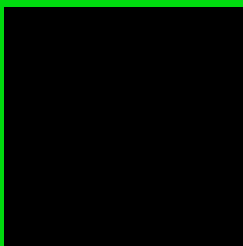
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

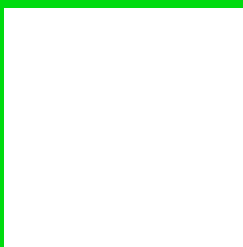
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4177, 50.6975, 8.8979

Background



This preview shows how black text looks on a background with the XYZ color 25.4177, 50.6975, 8.8979.



This preview shows how white text looks on a background with the XYZ color 25.4177, 50.6975,

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

25.4177, 50.6975, 8.8979

Protanopia

44.8472, 49.8153, 7.2516

Deuteranopia

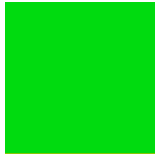
50.5375, 49.3282, 9.7634



Tritanopia

38.9248, 50.6283, 75.4308

Trichromacy



Original Color

25.4177, 50.6975, 8.8979



Protanomaly

30.2823, 45.9261, 7.4122



Deuteranomaly

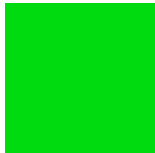
31.7612, 44.3169, 8.6303



Tritanomaly

29.7149, 48.5751, 34.5979

Monochromacy



Original Color

25.4177, 50.6975, 8.8979



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

18.2491, 28.3842, 13.7494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4177, 50.6975, 8.8979 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, 219, 15)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 15)  
}
```

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, 219, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 15) }
```

Border

The CSS property to change the border of an element to XYZ 25.4177, 50.6975, 8.8979 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, 219, 15) }
```


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

```
.border{ border-color:rgb(0, 219, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 15);  
box-shadow:4px 4px 4px 4px rgb(0, 219, 15)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.4177, 50.6975, 8.8979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 15) }
```

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

```
.background{ background-color: rgb(0, 219,  
15) }
```

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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