

Converting Colors

XYZ(25.4701, 50.8438, 8.7872)

Have a look what the booklet for
XYZ(25.4701, 50.8438, 8.7872)
contains.

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Color

**XYZ(25.3919, 50.6872,
8.7619)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB0B
RGB	0, 219, 11
RGB Percent	0%, 86%, 4%
CMY	1.0000, 0.1412, 0.9568
CMYK	1.00, 0.00, 0.95, 0.14
HSL	123°, 100%, 43%
HSV	123°, 100%, 86%
XYZ	25.3919, 50.6872, 8.7619
YIQ	129.8070, -63.7560, -111.1160

Conversions

Conversions Part 2

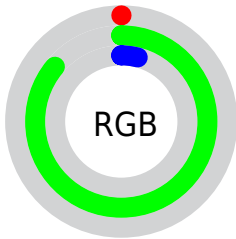
Format	Color
RYB	0, 209, 219
Decimal	56075
CIELab	76.49, -76.64, 73.12
CIELCh	76, 105.921, 136.346
Yxy	50.6872, 0.2993, 0.5974
Android (android.graphics.Color)	4278246155 (0xFF00DB0B)
YUV	129.8070, -58.5719, -113.8407
Hunter-Lab	71.1949, -60.9286, 42.5397

Details

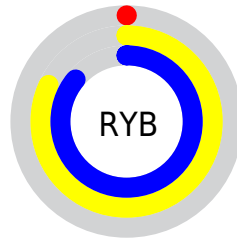
The XYZ color **25.3919, 50.6872, 8.7619** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.5971, 19.6137, 61.3068**, and the grayscale version is **21.3684, 22.4813, 24.4821**.

A 20% lighter version of the original color is **43.9519, 75.5396, 21.4966**, and **12.9203, 25.8407, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **25.3931, 50.6893, 8.7630**, and if you desaturate by 10%, it is **25.9195, 50.9379, 9.8198**.

Distribution



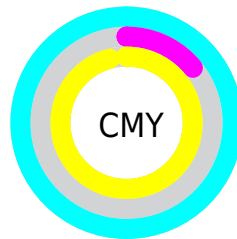
- Red (0%)
- Green (86%)
- Blue (4%)



- Red (0%)
- Yellow (82%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (14%)





- Cyan (100%)
- Magenta (14%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3919, 50.6872, 8.7619 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 25.3919, 50.6872, 8.7619 by changing the saturation by 10% instead.


 25.3919, 50.6872,
8.7619


 25.3919, 50.6872,
8.7619


272.0958,
389.3473, 191.7438


 16.4996, 35.9597,
4.4915


 51.7306, 91.1922,
24.0094


 9.9714, 24.4031,
1.8987


 69.9077, 117.7386,
35.8237

 5.4421, 15.6329,
0.4919


 91.9104, 148.9934,
50.9896

 2.5463, 9.2648,
0.0000

 118.1041,
185.3409, 69.9258

 0.9187, 4.9143,
0.0000

 148.8541,
227.1657, 93.0508

 0.0000, 2.1971,
0.0000

 184.5259,

 0.0000, 0.7184,

274.8521, 120.7831

0.0000

225.4846,
328.7845, 153.5413

■ 0.0000, 0.0000,
0.0000

■ 25.3919, 50.6872,
8.7619

■ 25.3919, 50.6872,
8.7619

■ 25.3931, 50.6893,
8.7630

■ 25.9195, 50.9379,
9.8198

■ 26.9966, 51.4497,
11.8306

■ 28.7758, 52.2996,
14.9546

■ 31.3496, 53.5325,
19.3213

■ 34.7965, 55.1864,
25.0421

■ 39.1857, 57.2948,
32.2165

■ 44.5792, 59.8879,
40.9341

■ 51.0340, 62.9932,
51.2778

■ 58.6025, 66.6361,
63.3242

Harmonies

Analogous

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



38.1575, 50.6872, 2.6315



25.3919, 50.6872, 8.7619



19.6665, 50.6872, 33.0863

Triad

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



25.3919, 50.6872, 8.7619



39.6683, 50.6872, 245.8775



95.2181, 50.6872, 29.6643

Complementary

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



25.3919, 50.6872, 8.7619



40.5971, 19.6137, 61.3068

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.



95.9552, 50.6872, 85.4348



25.3919, 50.6872, 8.7619



59.8120, 50.6872, 242.2757

Square

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



25.3919, 50.6872, 8.7619



26.2331, 50.6872, 179.1249



81.6432, 50.6872, 171.2373



79.8439, 50.6872, 7.7341

Rectangle

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



25.3919, 50.6872, 8.7619



19.2024, 50.6872, 68.2591



81.6432, 50.6872, 171.2373



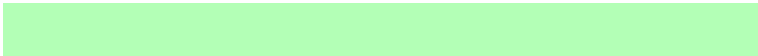
97.3071, 50.6872, 43.9051

Sweetspot

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



25.3931, 50.6893, 8.7630



62.7149, 84.4362, 57.4389



51.3601, 64.0828, 9.6623



12.6958, 17.7229, 11.1209



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.



25.3931, 50.6893, 8.7630



35.8316, 71.5486, 12.2971



28.7502, 52.0322, 26.4414



12.9130, 14.6168, 14.0046



15.0682, 30.0599, 5.2586



0.9858, 1.9513, 0.3910

Inverse Universe

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



40.5971, 19.6137, 61.3068



57.2914, 27.6806, 86.4557



31.4454, 15.9530, 13.1142



13.5846, 13.2629, 16.3397



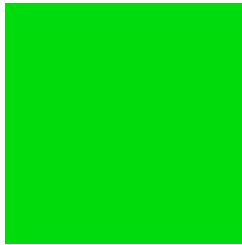
24.0837, 11.6345, 36.4166



1.5692, 0.7573, 2.4061

Previews

White Background



This preview shows how the XYZ color 25.3919, 50.6872, 8.7619 looks on a white background.

Color Contrast Check

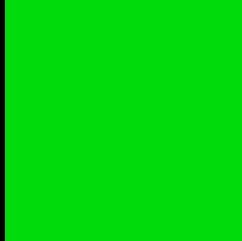
Large Text (above 18pt) WCAG AA × Fail

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 25.3919, 50.6872, 8.7619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

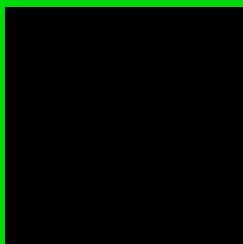
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3919, 50.6872, 8.7619

Background



This preview shows how black text looks on a background with the XYZ color 25.3919, 50.6872, 8.7619.



This preview shows how white text looks on a background with the XYZ color 25.3919, 50.6872,

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

25.3919, 50.6872, 8.7619

Protanopia

44.8472, 49.8153, 7.2516

Deuteranopia

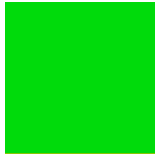
50.5166, 49.3198, 9.6535



Tritanopia

38.9248, 50.6283, 75.4308

Trichromacy



Original Color

25.3919, 50.6872, 8.7619



Protanomaly

30.2769, 45.9239, 7.3833



Deuteranomaly

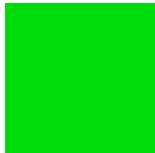
31.7307, 44.3047, 8.4694



Tritanomaly

29.6381, 48.5444, 34.1935

Monochromacy



Original Color

25.3919, 50.6872, 8.7619



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

18.2079, 28.3678, 13.5327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3919, 50.6872, 8.7619 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, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 11)  
}
```

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, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 11) }
```

Border

The CSS property to change the border of an element to XYZ 25.3919, 50.6872, 8.7619 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, 11) }
```


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

```
.border{ border-color:rgb(0, 219, 11) }
```

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, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 11);  
box-shadow:4px 4px 4px 4px rgb(0, 219, 11)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.3919, 50.6872, 8.7619 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, 11) }
```

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

```
.background{ background-color: rgb(0, 219,  
11) }
```

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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