

Converting Colors

XYZ(25.5425, 49.9063, 8.2866)

Have a look what the booklet for
XYZ(25.5425, 49.9063, 8.2866)
contains.

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Color

**XYZ(25.6122, 50.0378,
8.3084)**

Conversions

Conversions Part 1

Format	Color
Hex	26D900
RGB	38, 217, 0
RGB Percent	15%, 85%, 0%
CMY	0.8510, 0.1490, 0.9999
CMYK	0.82, 0.00, 1.00, 0.15
HSL	109°, 100%, 43%
HSV	109°, 100%, 85%
XYZ	25.6122, 50.0378, 8.3084
YIQ	138.7410, -37.0270, -105.4350

Conversions

Conversions Part 2

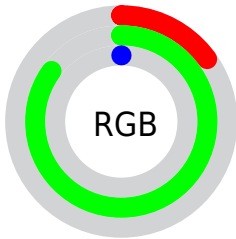
Format	Color
RYB	0, 217, 179
Decimal	2545920
CIELab	76.09, -74.00, 73.95
CIELCh	76, 104.615, 135.018
Yxy	50.0378, 0.3051, 0.5960
Android (android.graphics.Color)	4280736000 (0xFF26D900)
YUV	138.7410, -68.3993, -88.3499
Hunter-Lab	70.7374, -59.1602, 42.5523

Details

The XYZ color **25.6122, 50.0378, 8.3084** 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 **31.1232, 14.5982, 66.8257**, and the grayscale version is **24.7082, 25.9950, 28.3085**.

A 20% lighter version of the original color is **44.9680, 76.0820, 20.7028**, and **12.5708, 25.1416, 4.1903** is the 20% darker color. If you saturate the color by 10%, you get **25.6123, 50.0394, 8.3087**, and if you desaturate by 10%, it is **26.5815, 50.5226, 9.0963**.

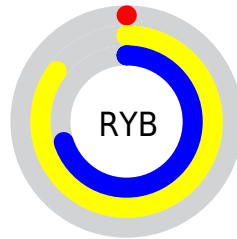
Distribution



Red (15%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (70%)

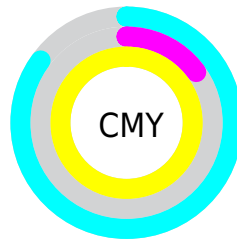


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (85%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6122, 50.0378, 8.3084 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 25.6122, 50.0378, 8.3084 by changing the saturation by 10% instead.


 25.6122, 50.0378,
8.3084


 25.6122, 50.0378,
8.3084


273.1649,
386.8137, 188.1553


 16.6649, 35.4434,
4.2023


 52.0844, 90.2309,
23.1169


 10.0897, 24.0047,
1.7370


 70.3401, 116.5984,
34.6564

 5.5212, 15.3371,
0.3859


 92.4292, 147.6591,
49.5109

 2.5941, 9.0563,
0.0000

 118.7173,
183.7973, 68.0987

 0.9429, 4.7779,
0.0000

 149.5695,
225.3975, 90.8386

 0.0000, 2.1176,
0.0000

 185.3512,

 0.0000, 0.6745,

272.8440, 118.1489

0.0000

226.4279,
326.5213, 150.4483

■ 0.0000, 0.0000,
0.0000

■ 25.6122, 50.0378,
8.3084

■ 25.6122, 50.0378,
8.3084

■ 25.6123, 50.0394,
8.3087

■ 26.5815, 50.5226,
9.0963

■ 28.0669, 51.2535,
10.7407

■ 30.1563, 52.2712,
13.5207

■ 32.9093, 53.6032,
17.5924

■ 36.3781, 55.2734,
23.0874

■ 40.6092, 57.3033,
30.1208

■ 45.6455, 59.7128,
38.7962

■ 51.5262, 62.5200,
49.2083

■ 58.2881, 65.7421,
61.4443

Harmonies

Analogous

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



38.4660, 50.0378, 2.6198



25.6122, 50.0378, 8.3084



19.6982, 50.0378, 31.1159

Triad

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



25.6122, 50.0378, 8.3084



38.4860, 50.0378, 238.7706



93.9062, 50.0378, 31.0705

Complementary

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



25.6122, 50.0378, 8.3084



31.1232, 14.5982, 66.8257

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.



93.9159, 50.0378, 87.3328



25.6122, 50.0378, 8.3084



57.9837, 50.0378, 238.7233

Square

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



25.6122, 50.0378, 8.3084



25.6234, 50.0378, 171.6688



79.4229, 50.0378, 171.5650



79.3991, 50.0378, 8.2946

Rectangle

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



25.6122, 50.0378, 8.3084



19.0748, 50.0378, 64.4558



79.4229, 50.0378, 171.5650



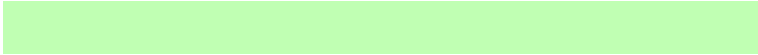
95.7122, 50.0378, 45.5953

Sweetspot

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



25.6134, 50.0399, 8.3095



65.5560, 85.9463, 55.5173



44.3833, 46.2857, 6.5956



13.3427, 18.0666, 10.6870



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.



25.6134, 50.0399, 8.3095



36.8258, 72.0694, 11.9699



25.8803, 50.0544, 13.8850



13.0979, 14.7152, 13.8756



15.5659, 30.3220, 5.0323



1.0736, 1.9980, 0.3291

Inverse Universe

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



31.1232, 14.5982, 66.8257



44.7351, 20.9766, 96.2988



33.9855, 16.9004, 29.6105



13.3792, 13.1536, 16.4859



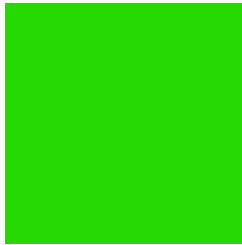
18.9187, 8.8771, 40.4547



1.2856, 0.6060, 2.6237

Previews

White Background



This preview shows how the XYZ color 25.6122, 50.0378, 8.3084 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 25.6122, 50.0378, 8.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

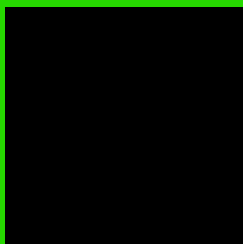
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6122, 50.0378, 8.3084

Background



This preview shows how black text looks on a background with the XYZ color 25.6122, 50.0378, 8.3084.



This preview shows how white text looks on a background with the XYZ color 25.6122, 50.0378,

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

25.6122, 50.0378, 8.3084

Protanopia

44.1372, 48.8194, 7.0968

Deuteranopia

49.9701, 48.7483, 9.4650



Tritanopia

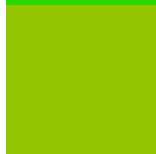
38.7052, 49.8444, 73.9106

Trichromacy



Original Color

25.6122, 50.0378, 8.3084



Protanomaly

31.9989, 46.1355, 7.2185



Deuteranomaly

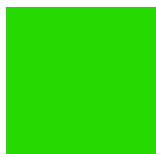
33.9694, 45.1419, 8.1512



Tritanomaly

29.9535, 48.0262, 32.1174

Monochromacy



Original Color

25.6122, 50.0378, 8.3084



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.0597, 31.1668, 14.1384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6122, 50.0378, 8.3084 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(38, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(38, 217, 0)  
}
```

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(38, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 217, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.6122, 50.0378, 8.3084 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(38, 217, 0) }
```


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

```
.border{ border-color:rgb(38, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(38, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(38, 217, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.6122, 50.0378, 8.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 217, 0) }
```

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

```
.background{ background-color: rgb(38, 217,  
0) }
```

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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