

Converting Colors

XYZ(25.8765, 50.0452, 8.8970)

Have a look what the booklet for
XYZ(25.8765, 50.0452, 8.8970)
contains.

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Color

**XYZ(25.9691, 50.2082,
8.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	2CD913
RGB	44, 217, 19
RGB Percent	17%, 85%, 7%
CMY	0.8275, 0.1490, 0.9254
CMYK	0.80, 0.00, 0.91, 0.15
HSL	112°, 84%, 46%
HSV	112°, 91%, 85%
XYZ	25.9691, 50.2082, 8.9385
YIQ	142.7010, -39.5500, -98.2540

Conversions

Conversions Part 2

Format	Color
RYB	19, 217, 192
Decimal	2939155
CIELab	76.20, -72.95, 72.04
CIELCh	76, 102.527, 135.362
Yxy	50.2082, 0.3051, 0.5899
Android (android.graphics.Color)	4281129235 (0xFF2CD913)
YUV	142.7010, -60.9846, -86.5608
Hunter-Lab	70.8577, -58.5815, 42.1212

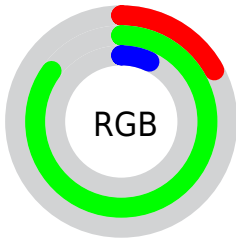
Details

The XYZ color **25.9691, 50.2082, 8.9385** 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 **34.5015, 16.6854, 67.0505**, and the grayscale version is **26.2376, 27.6040, 30.0608**.

A 20% lighter version of the original color is **45.6315, 76.3958, 22.0137**, and **12.5708, 25.1416, 4.1903** is the 20% darker color. If you saturate the color by 10%, you get **25.2761, 49.8660, 8.2929**, and if you desaturate by 10%, it is **27.2567, 50.8414, 10.4488**.

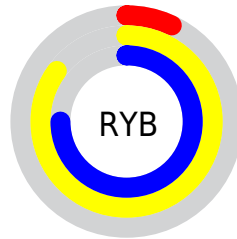
Distribution



Red (17%)

Green (85%)

Blue (7%)



Red (7%)

Yellow (85%)

Blue (75%)

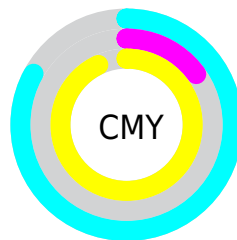


Cyan (80%)

Magenta (0%)

Yellow (91%)

Black (15%)



Cyan (83%)


Magenta (15%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9691, 50.2082, 8.9385 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 25.9691, 50.2082, 8.9385 by changing the saturation by 10% instead.


 25.9691, 50.2082,
8.9385


 25.9691, 50.2082,
8.9385


274.8898,
387.4796, 193.1196


 16.9331, 35.5789,
4.6048


 52.6567, 90.4833,
24.3546


 10.2818, 24.1091,
1.9627


 71.0391, 116.8978,
36.2741

 5.6499, 15.4146,
0.5322


 93.2676, 148.0095,
51.5593

 2.6720, 9.1109,
0.0000

 119.7076,
184.2028, 70.6287

 0.9828, 4.8136,
0.0000

 150.7245,
225.8620, 93.9009

 0.0000, 2.1383,
0.0000

 186.6836,

 0.0000, 0.6860,

273.3717, 121.7945

0.0000

227.9502,
327.1160, 154.7278

■ 0.0000, 0.0000,
0.0000

■ 25.9691, 50.2082,
8.9385

■ 25.9691, 50.2082,
8.9385

■ 25.2761, 49.8660,
8.2929

■ 27.2567, 50.8414,
10.4488

■ 29.1680, 51.7706,
13.0731

■ 31.7728, 53.0298,
16.9729

■ 35.1307, 54.6468,
22.2825

■ 39.2944, 56.6463,
29.1192

■ 44.3121, 59.0507,
37.5880

■ 50.2280, 61.8809,
47.7848

■ 57.0833, 65.1562,
59.7978

■ 64.9167, 68.8947,
73.7095

Harmonies

Analogous

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



38.5901, 50.2082, 2.9541



25.9691, 50.2082, 8.9385



20.1631, 50.2082, 32.0568

Triad

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



25.9691, 50.2082, 8.9385



38.9828, 50.2082, 234.1705



92.9322, 50.2082, 31.1606

Complementary

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



25.9691, 50.2082, 8.9385



34.5015, 16.6854, 67.0505

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.



93.1208, 50.2082, 85.9938



25.9691, 50.2082, 8.9385



58.1902, 50.2082, 233.2591

Square

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



25.9691, 50.2082, 8.9385



26.1897, 50.2082, 169.7664



79.1232, 50.2082, 167.7622



78.6617, 50.2082, 8.6588

Rectangle

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



25.9691, 50.2082, 8.9385



19.5847, 50.2082, 65.1611



79.1232, 50.2082, 167.7622



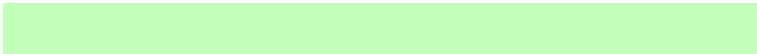
94.7499, 50.2082, 45.3669

Sweetspot

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



25.9703, 50.2103, 8.9396



67.1027, 86.6521, 59.7269



47.2790, 51.8892, 8.1406



13.7607, 18.2590, 11.7518



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.



25.9703, 50.2103, 8.9396



36.3612, 71.8299, 11.9481



26.9976, 50.5323, 18.3673



13.0385, 14.6846, 13.8728



15.3486, 30.2100, 5.0222



1.0456, 1.9836, 0.3278

Inverse Universe

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



34.5015, 16.6854, 67.0505



48.4268, 22.8798, 96.4716



33.9149, 17.2448, 28.0907



13.4443, 13.1872, 16.4889



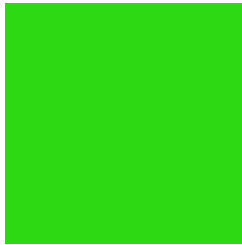
20.4407, 9.6617, 40.5260



1.3705, 0.6498, 2.6276

Previews

White Background



This preview shows how the XYZ color 25.9691, 50.2082, 8.9385 looks on a white background.

Color Contrast Check

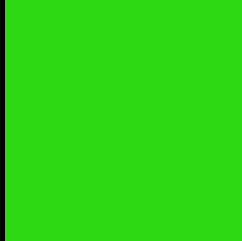
Large Text (above 18pt) WCAG AA × Fail

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 25.9691, 50.2082, 8.9385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

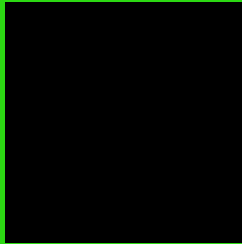
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9691, 50.2082, 8.9385

Background



This preview shows how black text looks on a background with the XYZ color 25.9691, 50.2082, 8.9385.



This preview shows how white text looks on a background with the XYZ color 25.9691, 50.2082,

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

25.9691, 50.2082, 8.9385

Protanopia

44.3487, 49.2423, 7.1673

Deuteranopia

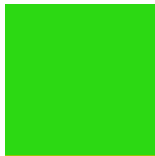
50.2295, 49.1670, 9.8604



Tritanopia

38.9210, 49.9557, 73.9207

Trichromacy



Original Color

25.9691, 50.2082, 8.9385



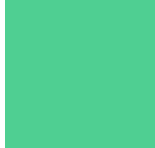
Protanomaly

32.8101, 46.8875, 7.5219



Deuteranomaly

34.7329, 45.8451, 8.9378



Tritanomaly

30.7256, 48.3632, 34.9098

Monochromacy



Original Color

25.9691, 50.2082, 8.9385



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

22.6427, 32.7571, 16.6846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9691, 50.2082, 8.9385 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(44, 217, 19)` looks like.

```
.text, #text, p{  
    color:rgb(44, 217, 19)  
}
```

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(44, 217, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 217, 19) }
```

Border

The CSS property to change the border of an element to XYZ 25.9691, 50.2082, 8.9385 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(44, 217, 19) }
```


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

```
.border{ border-color:rgb(44, 217, 19) }
```

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

Here you see how a box with a 4 pixel rgb(44, 217, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 217, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 217, 19);  
box-shadow:4px 4px 4px 4px rgb(44, 217,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9691, 50.2082, 8.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 217, 19) }
```

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

```
.background{ background-color: rgb(44, 217,  
19) }
```

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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