

Converting Colors

XYZ(27.1663, 53.8261, 8.9577)

Have a look what the booklet for
XYZ(27.1663, 53.8261, 8.9577)
contains.

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Color

**XYZ(27.2561, 54.0210,
8.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	16E100
RGB	22, 225, 0
RGB Percent	9%, 88%, 0%
CMY	0.9137, 0.1176, 0.9999
CMYK	0.90, 0.00, 1.00, 0.12
HSL	114°, 100%, 44%
HSV	114°, 100%, 88%
XYZ	27.2561, 54.0210, 8.9906
YIQ	138.6530, -48.7630, -113.0110

Conversions

Conversions Part 2

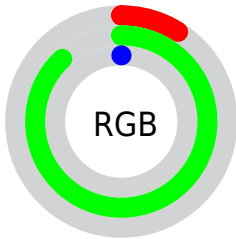
Format	Color
RYB	0, 225, 203
Decimal	1499392
CIELab	78.47, -77.50, 75.80
CIELCh	78, 108.400, 135.636
Yxy	54.0210, 0.3019, 0.5985
Android (android.graphics.Color)	4279689472 (0xFF16E100)
YUV	138.6530, -68.3559, -102.3047
Hunter-Lab	73.4990, -62.4289, 44.1968

Details

The XYZ color **27.2561, 54.0210, 8.9906** 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 **38.2297, 18.1386, 72.7232**, and the grayscale version is **24.6775, 25.9626, 28.2733**.

A 20% lighter version of the original color is **44.6422, 75.9049, 21.1023**, and **14.0026, 28.0053, 4.6675** is the 20% darker color. If you saturate the color by 10%, you get **27.2566, 54.0229, 8.9909**, and if you desaturate by 10%, it is **28.0436, 54.4113, 9.8106**.

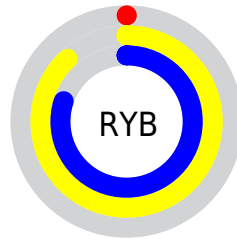
Distribution



Red (9%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (80%)

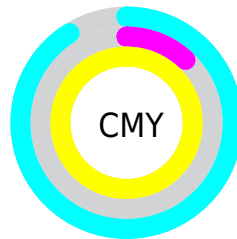


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (91%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2561, 54.0210, 8.9906 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 27.2561, 54.0210, 8.9906 by changing the saturation by 10% instead.


 27.2561, 54.0210,
8.9906


 27.2561, 54.0210,
8.9906


281.0400,
402.1901, 193.5232


 17.9032, 38.6185,
4.6383


 54.7115, 96.1051,
24.4562

 10.9798, 26.4630,
1.9817


 73.5448, 123.5554,
36.4066

 6.1205, 17.1704,
0.5440


 96.2690, 155.7904,
51.7267

 2.9598, 10.3560,
0.0000

 123.2493,
193.1946, 70.8352

 1.1325, 5.6356,
0.0000

 154.8513,
236.1522, 94.1506

 0.0521, 2.6248,
0.0000

 191.4401,

 0.0000, 0.9392,

285.0477, 122.0914

0.0000

233.3812,
340.2656, 155.0761

■ 0.0000, 0.0000,
0.0000

■ 27.2561, 54.0210,
8.9906

■ 27.2561, 54.0210,
8.9906

■ 27.2566, 54.0229,
8.9909

■ 28.0436, 54.4113,
9.8106

■ 29.4254, 55.0862,
11.5677

■ 31.5148, 56.0992,
14.5615

■ 34.3911, 57.4875,
18.9638

■ 38.1231, 59.2835,
24.9189

■ 42.7719, 61.5159,
32.5535

■ 48.3929, 64.2108,
41.9812

■ 55.0373, 67.3923,
53.3056

■ 62.7525, 71.0829,
66.6226

Harmonies

Analogous

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



41.0680, 54.0210, 2.7245



27.2561, 54.0210, 8.9906



20.9861, 54.0210, 34.2313

Triad

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



27.2561, 54.0210, 8.9906



41.8297, 54.0210, 261.6816



101.8192, 54.0210, 32.5071

Complementary

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



27.2561, 54.0210, 8.9906



38.2297, 18.1386, 72.7232

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.



102.1912, 54.0210, 93.0282



27.2561, 54.0210, 8.9906



63.2084, 54.0210, 259.8621

Square

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



27.2561, 54.0210, 8.9906



27.6799, 54.0210, 189.0490



86.5918, 54.0210, 185.0657



85.6838, 54.0210, 8.4742

Rectangle

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



27.2561, 54.0210, 8.9906



20.3949, 54.0210, 71.1215



86.5918, 54.0210, 185.0657



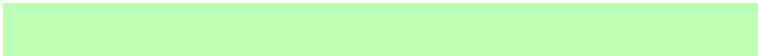
103.9156, 54.0210, 48.0251

Sweetspot

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



27.2574, 54.0232, 8.9918



64.0887, 85.1899, 55.4486



52.2924, 58.4875, 8.5340



13.0072, 17.8937, 10.6713



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.



27.2574, 54.0232, 8.9918



36.1585, 71.7254, 11.9386



28.7730, 54.5913, 18.6981



13.6523, 15.4009, 14.5599



15.7500, 31.1519, 5.1828



1.1347, 2.1814, 0.3613

Inverse Universe

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



38.2297, 18.1386, 72.7232



50.7149, 24.0594, 96.5787



35.4272, 17.7586, 24.4877



14.1562, 13.8641, 17.3176



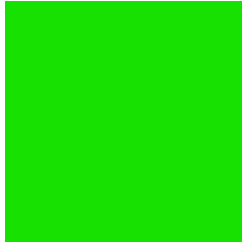
22.0837, 10.4799, 41.9072



1.5695, 0.7464, 2.9066

Previews

White Background



This preview shows how the XYZ color 27.2561, 54.0210, 8.9906 looks on a white background.

Color Contrast Check

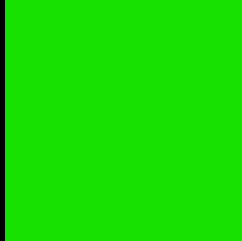
Large Text (above 18pt) WCAG AA × Fail

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 27.2561, 54.0210, 8.9906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

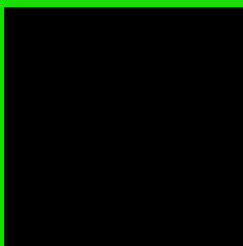
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

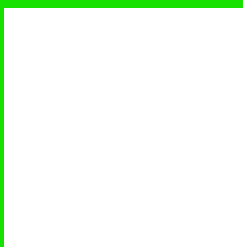
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2561, 54.0210, 8.9906

Background



This preview shows how black text looks on a background with the XYZ color 27.2561, 54.0210, 8.9906.



This preview shows how white text looks on a background with the XYZ color 27.2561, 54.0210,

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

27.2561, 54.0210, 8.9906

Protanopia

47.6852, 52.8916, 7.6958

Deuteranopia

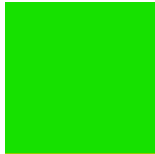
53.9003, 52.5549, 10.2090



Tritanopia

41.3518, 53.5787, 80.1138

Trichromacy



Original Color

27.2561, 54.0210, 8.9906



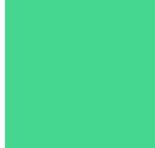
Protanomaly

33.6854, 49.7736, 7.8319



Deuteranomaly

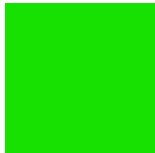
35.3417, 48.1685, 8.7311



Tritanomaly

31.7887, 51.8797, 34.7239

Monochromacy



Original Color

27.2561, 54.0210, 8.9906



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

20.9600, 31.9408, 14.2930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2561, 54.0210, 8.9906 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(22, 225, 0)` looks like.

```
.text, #text, p{  
    color:rgb(22, 225, 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(22, 225, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 225, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.2561, 54.0210, 8.9906 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(22, 225, 0) }
```


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

```
.border{ border-color:rgb(22, 225, 0) }
```

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

Here you see how a box with a 4 pixel rgb(22, 225, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 225, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 225, 0);  
box-shadow:4px 4px 4px 4px rgb(22, 225, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.2561, 54.0210, 8.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 225, 0) }
```

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

```
.background{ background-color: rgb(22, 225,  
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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