

Converting Colors

XYZ(27.1588, 54.3175, 9.0529)

Have a look what the booklet for
XYZ(27.1588, 54.3175, 9.0529)
contains.

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Color

**XYZ(27.1964, 54.3927,
9.0655)**

Conversions

Conversions Part 1

Format	Color
Hex	00E200
RGB	0, 226, 0
RGB Percent	0%, 89%, 0%
CMY	1.0000, 0.1137, 0.9999
CMYK	1.00, 0.00, 1.00, 0.11
HSL	120°, 100%, 44%
HSV	120°, 100%, 89%
XYZ	27.1964, 54.3927, 9.0655
YIQ	132.6620, -62.1500, -118.1980

Conversions

Conversions Part 2

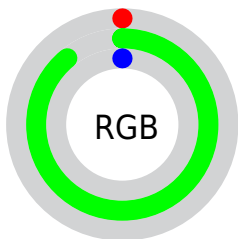
Format	Color
RYB	0, 226, 226
Decimal	57856
CIELab	78.69, -78.67, 75.93
CIELCh	79, 109.332, 136.016
Yxy	54.3927, 0.3000, 0.6000
Android (android.graphics.Color)	4278247936 (0xFF00E200)
YUV	132.6620, -65.4024, -116.3446
Hunter-Lab	73.7514, -63.2417, 44.3381

Details

The XYZ color **27.1964, 54.3927, 9.0655** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **45.0896, 21.6592, 73.7389**, and the grayscale version is **22.4206, 23.5882, 25.6876**.

A 20% lighter version of the original color is **44.1218, 75.6366, 21.0780**, and **14.1880, 28.3759, 4.7293** is the 20% darker color. If you saturate the color by 10%, you get **27.1976, 54.3949, 9.0666**, and if you desaturate by 10%, it is **27.6928, 54.6328, 9.8769**.

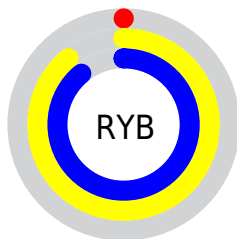
Distribution



Red (0%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (89%)

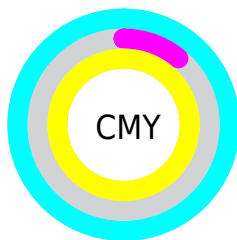


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (100%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1964, 54.3927, 9.0655 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 27.1964, 54.3927, 9.0655 by changing the saturation by 10% instead.


 27.1964, 54.3927,
9.0655


 27.1964, 54.3927,
9.0655


280.7570,
403.6057, 194.1018


 17.8581, 38.9157,
4.6865


 54.6165, 96.6506,
24.6020


 10.9473, 26.6942,
2.0090


 73.4291, 124.2003,
36.5967


 6.0984, 17.3437,
0.5608


 96.1305, 156.5430,
51.9669

 2.9462, 10.4798,
0.0000

 123.0860,
194.0631, 71.1314

 1.1254, 5.7182,
0.0000

 154.6611,
237.1451, 94.5086

 0.0462, 2.6745,
0.0000

 191.2211,

 0.0000, 0.9643,

286.1732, 122.5170

0.0000

233.1313,
341.5320, 155.5752

■ 0.0000, 0.0000,
0.0000

■ 27.1964, 54.3927,
9.0655

■ 27.1964, 54.3927,
9.0655

■ 27.1976, 54.3949,
9.0666

■ 27.6928, 54.6328,
9.8769

■ 28.7667, 55.1486,
11.6342

■ 30.6058, 56.0320,
14.6430

■ 33.3170, 57.3343,
19.0780

■ 36.9901, 59.0987,
25.0863

■ 41.7038, 61.3630,
32.7966

■ 47.5289, 64.1610,
42.3243

■ 54.5297, 67.5239,
53.7750

■ 62.7658, 71.4802,
67.2459

Harmonies

Analogous

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



41.0621, 54.3927, 2.6790



27.1964, 54.3927, 9.0655



20.9550, 54.3927, 34.8735

Triad

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



27.1964, 54.3927, 9.0655



42.2948, 54.3927, 265.9660



102.7968, 54.3927, 32.0879

Complementary

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



27.1964, 54.3927, 9.0655



45.0896, 21.6592, 73.7389

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.



103.4009, 54.3927, 92.8816



27.1964, 54.3927, 9.0655



64.0295, 54.3927, 263.0045

Square

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



27.1964, 54.3927, 9.0655



27.8809, 54.3927, 192.7189



87.7247, 54.3927, 186.2412



86.2509, 54.3927, 8.2383

Rectangle

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



27.1964, 54.3927, 9.0655



20.4107, 54.3927, 72.5904



87.7247, 54.3927, 186.2412



105.0005, 54.3927, 47.6089

Sweetspot

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



27.1977, 54.3950, 9.0667



62.3222, 84.2791, 55.3708



58.5627, 70.5643, 10.5338



12.6071, 17.6874, 10.6537



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.



27.1977, 54.3950, 9.0667



35.7602, 71.5201, 11.9209



30.1784, 55.5872, 24.7629



13.5289, 15.3373, 14.5545



15.5156, 31.0311, 5.1725



1.0755, 2.1509, 0.3587

Inverse Universe

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



45.0896, 21.6592, 73.7389



59.2851, 28.4780, 96.9540



34.3462, 17.3618, 17.1650



14.2950, 13.9356, 17.3237



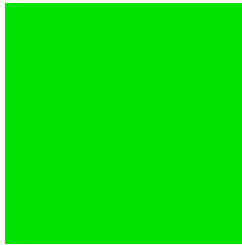
25.7226, 12.3561, 42.0666



1.7830, 0.8565, 2.9159

Previews

White Background



This preview shows how the XYZ color 27.1964, 54.3927, 9.0655 looks on a white background.

Color Contrast Check

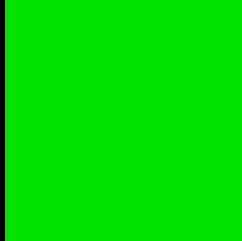
Large Text (above 18pt) WCAG AA × Fail

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 27.1964, 54.3927, 9.0655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

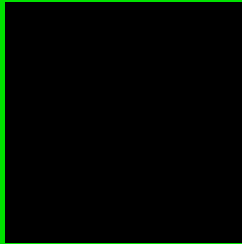
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1964, 54.3927, 9.0655

Background



This preview shows how black text looks on a background with the XYZ color 27.1964, 54.3927, 9.0655.



This preview shows how white text looks on a background with the XYZ color 27.1964, 54.3927, 9.0655.

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

27.1964, 54.3927, 9.0655

Protanopia

47.9834, 53.0454, 7.7098

Deuteranopia

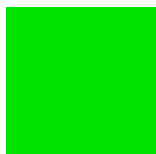
54.4500, 53.1434, 10.2936



Tritanopia

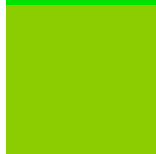
41.6310, 54.0721, 80.9158

Trichromacy



Original Color

27.1964, 54.3927, 9.0655



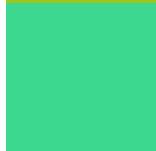
Protanomaly

32.4788, 49.1516, 7.7754



Deuteranomaly

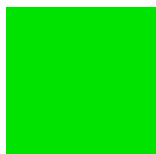
34.1883, 47.9143, 8.7428



Tritanomaly

31.4534, 52.0860, 34.7814

Monochromacy



Original Color

27.1964, 54.3927, 9.0655



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

19.2047, 30.2246, 13.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1964, 54.3927, 9.0655 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, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 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(0, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.1964, 54.3927, 9.0655 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, 226, 0) }
```


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

```
.border{ border-color:rgb(0, 226, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 226, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 226, 0); box-shadow:4px  
4px 4px 4px rgb(0, 226, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1964, 54.3927, 9.0655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 0) }
```

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

```
.background{ background-color: rgb(0, 226,  
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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