

Converting Colors

XYZ(27.5199, 54.9441, 9.1548)

Have a look what the booklet for
XYZ(27.5199, 54.9441, 9.1548)
contains.

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Color

**XYZ(27.5317, 54.9704,
9.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	05E300
RGB	5, 227, 0
RGB Percent	2%, 89%, 0%
CMY	0.9804, 0.1098, 0.9999
CMYK	0.98, 0.00, 1.00, 0.11
HSL	119°, 100%, 45%
HSV	119°, 100%, 89%
XYZ	27.5317, 54.9704, 9.1593
YIQ	134.7440, -59.4450, -117.6610

Conversions

Conversions Part 2

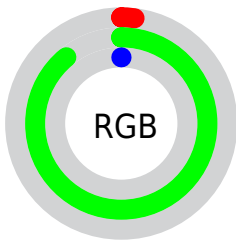
Format	Color
RYB	0, 227, 222
Decimal	385792
CIELab	79.02, -78.76, 76.20
CIELCh	79, 109.590, 135.945
Yxy	54.9704, 0.3004, 0.5997
Android (android.graphics.Color)	4278575872 (0xFF05E300)
YUV	134.7440, -66.4288, -113.7855
Hunter-Lab	74.1420, -63.4648, 44.5749

Details

The XYZ color **27.5317, 54.9704, 9.1593** 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 **43.9995, 21.0813, 74.4260**, and the grayscale version is **23.1912, 24.3990, 26.5705**.

A 20% lighter version of the original color is **44.2498, 75.7026, 21.0840**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **27.5324, 54.9724, 9.1596**, and if you desaturate by 10%, it is **28.0796, 55.2370, 9.9784**.

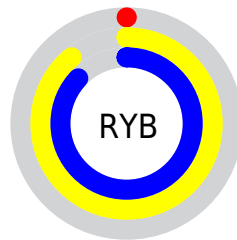
Distribution



Red (2%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (87%)

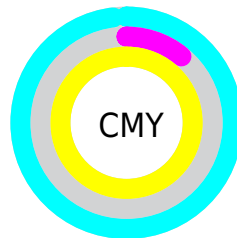


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (98%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5317, 54.9704, 9.1593 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 27.5317, 54.9704, 9.1593 by changing the saturation by 10% instead.


 27.5317, 54.9704,
9.1593


 27.5317, 54.9704,
9.1593


282.3432,
405.7997, 194.8235


 18.1116, 39.3780,
4.7470


 55.1498, 97.4976,
24.7843


 11.1303, 27.0539,
2.0435


 74.0785, 125.2012,
36.8342

 6.2225, 17.6137,
0.5818


 96.9074, 157.7106,
52.2669

 3.0228, 10.6730,
0.0000

 124.0020,
195.4104, 71.5011

 1.1658, 5.8474,
0.0000

 155.7275,
238.6847, 94.9554

 0.0791, 2.7525,
0.0000

 192.4493,

 0.0000, 1.0039,

287.9182, 123.0481

0.0000

234.5327,
343.4950, 156.1980

■ 0.0000, 0.0000,
0.0000

■ 27.5317, 54.9704,
9.1593

■ 27.5317, 54.9704,
9.1593

■ 27.5324, 54.9724,
9.1596

■ 28.0796, 55.2370,
9.9784

■ 29.2387, 55.7963,
11.7551

■ 31.1613, 56.7222,
14.7961

■ 33.9485, 58.0627,
19.2776

■ 37.6859, 59.8589,
25.3482

■ 42.4487, 62.1468,
33.1378

■ 48.3048, 64.9587,
42.7630

■ 55.3160, 68.3243,
54.3303

■ 63.5397, 72.2711,
67.9380

Harmonies

Analogous

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



41.5525, 54.9704, 2.7195



27.5317, 54.9704, 9.1593



21.2105, 54.9704, 35.1670

Triad

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



27.5317, 54.9704, 9.1593



42.7105, 54.9704, 268.3219



103.8364, 54.9704, 32.5492

Complementary

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



27.5317, 54.9704, 9.1593



43.9995, 21.0813, 74.4260

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.



104.4036, 54.9704, 94.0160



27.5317, 54.9704, 9.1593



64.6367, 54.9704, 265.5426

Square

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



27.5317, 54.9704, 9.1593



28.1751, 54.9704, 194.3180



88.5551, 54.9704, 188.2379



87.1713, 54.9704, 8.3807

Rectangle

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



27.5317, 54.9704, 9.1593



20.6509, 54.9704, 73.1762



88.5551, 54.9704, 188.2379



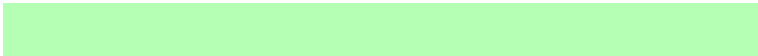
106.0460, 54.9704, 48.2546

Sweetspot

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



27.5330, 54.9727, 9.1605



62.7097, 84.4790, 55.3841



57.1259, 67.2236, 9.9655



12.6945, 17.7325, 10.6567



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.



27.5330, 54.9727, 9.1605



35.8299, 71.5561, 11.9233



30.0695, 55.9801, 22.8429



14.2184, 16.1041, 15.2635



16.0690, 32.0654, 5.3423



1.1978, 2.3749, 0.3953

Inverse Universe

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



43.9995, 21.0813, 74.4260



57.2640, 27.4355, 96.8852



35.1364, 17.7147, 19.6833



14.9623, 14.5983, 18.1735



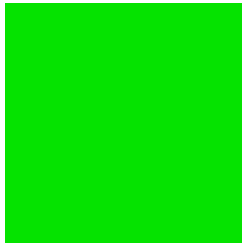
25.6731, 12.3009, 43.4044



1.9071, 0.9141, 3.2079

Previews

White Background



This preview shows how the XYZ color 27.5317, 54.9704, 9.1593 looks on a white background.

Color Contrast Check

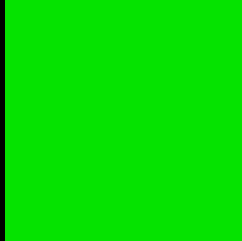
Large Text (above 18pt) WCAG AA × Fail

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 27.5317, 54.9704, 9.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

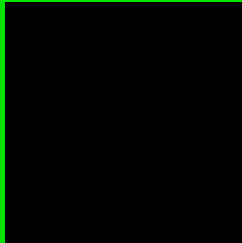
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

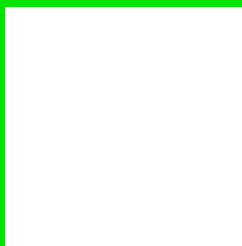
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5317, 54.9704, 9.1593

Background



This preview shows how black text looks on a background with the XYZ color 27.5317, 54.9704, 9.1593.



This preview shows how white text looks on a background with the XYZ color 27.5317, 54.9704,

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

27.5317, 54.9704, 9.1593

Protanopia

48.5052, 53.6436, 7.7978

Deuteranopia

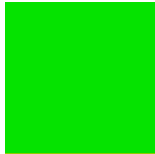
55.0031, 53.7358, 10.3788



Tritanopia

42.0172, 54.6229, 81.7275

Trichromacy



Original Color

27.5317, 54.9704, 9.1593



Protanomaly

33.0558, 49.8053, 7.8712



Deuteranomaly

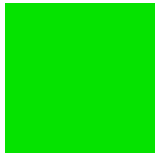
34.8062, 48.5756, 8.8379



Tritanomaly

31.9103, 52.6942, 35.2772

Monochromacy



Original Color

27.5317, 54.9704, 9.1593



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

19.7068, 30.7519, 13.7011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5317, 54.9704, 9.1593 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(5, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 227, 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(5, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 227, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.5317, 54.9704, 9.1593 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(5, 227, 0) }
```


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

```
.border{ border-color:rgb(5, 227, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 227, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 227, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 227, 0); box-shadow:4px  
4px 4px 4px rgb(5, 227, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5317, 54.9704, 9.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 227, 0) }
```

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

```
.background{ background-color: rgb(5, 227,  
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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