

Converting Colors

XYZ(27.3436, 54.4706, 9.0727)

Have a look what the booklet for
XYZ(27.3436, 54.4706, 9.0727)
contains.

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Color

**XYZ(27.3480, 54.4709,
9.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	0CE200
RGB	12, 226, 0
RGB Percent	5%, 89%, 0%
CMY	0.9529, 0.1137, 0.9999
CMYK	0.95, 0.00, 1.00, 0.11
HSL	117°, 100%, 44%
HSV	117°, 100%, 89%
XYZ	27.3480, 54.4709, 9.0725
YIQ	136.2500, -54.9980, -115.6540

Conversions

Conversions Part 2

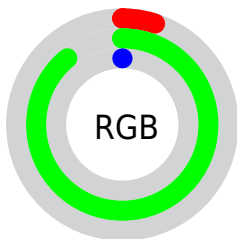
Format	Color
RYB	0, 226, 214
Decimal	844288
CIELab	78.74, -78.25, 75.98
CIELCh	79, 109.073, 135.843
Yxy	54.4709, 0.3009, 0.5993
Android (android.graphics.Color)	4279034368 (0xFF0CE200)
YUV	136.2500, -67.1713, -108.9673
Hunter-Lab	73.8044, -63.0151, 44.3748

Details

The XYZ color **27.3480, 54.4709, 9.0725** 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 **41.4687, 19.7925, 73.5891**, and the grayscale version is **23.7572, 24.9944, 27.2189**.

A 20% lighter version of the original color is **44.3791, 75.7693, 21.0900**, and **14.1880, 28.3759, 4.7293** is the 20% darker color. If you saturate the color by 10%, you get **27.3487, 54.4729, 9.0729**, and if you desaturate by 10%, it is **27.9887, 54.7854, 9.8907**.

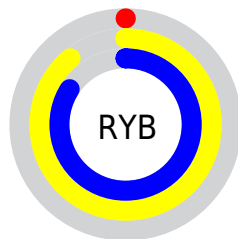
Distribution



Red (5%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (84%)

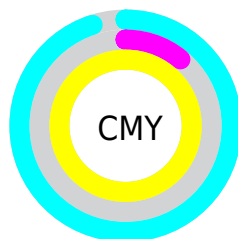


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (95%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3480, 54.4709, 9.0725 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 27.3480, 54.4709, 9.0725 by changing the saturation by 10% instead.


 27.3480, 54.4709,
9.0725


 27.3480, 54.4709,
9.0725


281.4751,
403.9032, 194.1558


 17.9727, 38.9783,
4.6910


 54.8577, 96.7653,
24.6156

 11.0300, 26.7428,
2.0116


 73.7229, 124.3359,
36.6144


 6.1544, 17.3802,
0.5624


 96.4820, 156.7012,
51.9894

 2.9808, 10.5059,
0.0000

 123.5005,
194.2457, 71.1590

 1.1436, 5.7357,
0.0000

 155.1437,
237.3537, 94.5420

 0.0611, 2.6850,
0.0000

 191.7770,

 0.0000, 0.9696,

286.4097, 122.5567

0.0000

233.7656,
341.7981, 155.6218

■ 0.0000, 0.0000,
0.0000

■ 27.3480, 54.4709,
9.0725

■ 27.3480, 54.4709,
9.0725

■ 27.3487, 54.4729,
9.0729

■ 27.9887, 54.7854,
9.8907

■ 29.2406, 55.3930,
11.6566

■ 31.2329, 56.3553,
14.6731

■ 34.0567, 57.7157,
19.1143

■ 37.7898, 59.5109,
25.1267

■ 42.5012, 61.7739,
32.8386

■ 48.2531, 64.5343,
42.3652

■ 55.1026, 67.8191,
53.8116

■ 63.1028, 71.6536,
67.2747

Harmonies

Analogous

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



41.2525, 54.4709, 2.7120



27.3480, 54.4709, 9.0725



21.0649, 54.4709, 34.7377

Triad

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



27.3480, 54.4709, 9.0725



42.2746, 54.4709, 265.2148



102.8184, 54.4709, 32.4261

Complementary

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



27.3480, 54.4709, 9.0725



41.4687, 19.7925, 73.5891

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.



103.3186, 54.4709, 93.3735



27.3480, 54.4709, 9.0725



63.9453, 54.4709, 262.7655

Square

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



27.3480, 54.4709, 9.0725



27.9162, 54.4709, 191.9137



87.6058, 54.4709, 186.5542



86.3853, 54.4709, 8.3834

Rectangle

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



27.3480, 54.4709, 9.0725



20.4967, 54.4709, 72.2470



87.6058, 54.4709, 186.5542



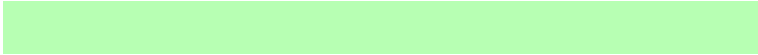
104.9829, 54.4709, 48.0168

Sweetspot

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



27.3493, 54.4732, 9.0737



63.2686, 84.7671, 55.4103



54.6446, 62.7277, 9.2284



12.8210, 17.7976, 10.6626



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.



27.3493, 54.4732, 9.0737



35.9336, 71.6095, 11.9281



29.4001, 55.2760, 20.6629



13.5956, 15.3717, 14.5573



15.6322, 31.0912, 5.1773



1.1076, 2.1675, 0.3600

Inverse Universe

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



41.4687, 19.7925, 73.5891



54.4926, 26.0068, 96.7555



35.2672, 17.7307, 22.0137



14.2195, 13.8967, 17.3206



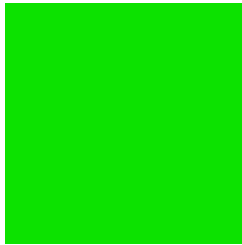
23.6892, 11.3075, 41.9824



1.6643, 0.7953, 2.9110

Previews

White Background



This preview shows how the XYZ color 27.3480, 54.4709, 9.0725 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 27.3480, 54.4709, 9.0725 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

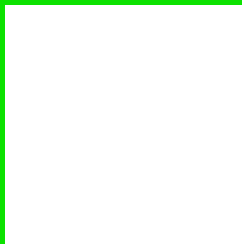
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3480, 54.4709, 9.0725

Background



This preview shows how black text looks on a background with the XYZ color 27.3480, 54.4709, 9.0725.



This preview shows how white text looks on a background with the XYZ color 27.3480, 54.4709,

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

27.3480, 54.4709, 9.0725

Protanopia

48.2052, 53.4890, 7.7837

Deuteranopia

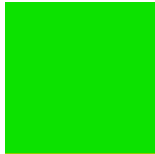
54.4500, 53.1434, 10.2936



Tritanopia

41.6310, 54.0721, 80.9158

Trichromacy



Original Color

27.3480, 54.4709, 9.0725



Protanomaly

33.3990, 49.9823, 7.8872



Deuteranomaly

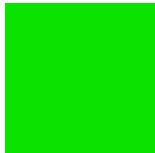
34.9688, 48.3167, 8.7793



Tritanomaly

31.7699, 52.2492, 34.7962

Monochromacy



Original Color

27.3480, 54.4709, 9.0725



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.2227, 31.2882, 13.9902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3480, 54.4709, 9.0725 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(12, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(12, 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(12, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 226, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.3480, 54.4709, 9.0725 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(12, 226, 0) }
```


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

```
.border{ border-color:rgb(12, 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(12, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(12, 226, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.3480, 54.4709, 9.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 226, 0) }
```

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

```
.background{ background-color: rgb(12, 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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