

Converting Colors

XYZ(27.4983, 54.2365, 11.5093)

Have a look what the booklet for
XYZ(27.4983, 54.2365, 11.5093)
contains.

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Color

**XYZ(27.3989, 54.0399,
11.4693)**

Conversions

Conversions Part 1

Format	Color
Hex	00E12D
RGB	0, 225, 45
RGB Percent	0%, 88%, 18%
CMY	1.0000, 0.1176, 0.8235
CMYK	1.00, 0.00, 0.80, 0.12
HSL	132°, 100%, 44%
HSV	132°, 100%, 88%
XYZ	27.3989, 54.0399, 11.4693
YIQ	137.2050, -76.3200, -103.6800

Conversions

Conversions Part 2

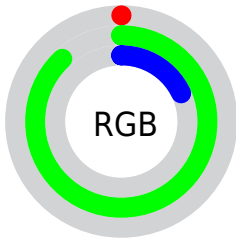
Format	Color
RYB	0, 188, 225
Decimal	57645
CIELab	78.48, -76.97, 68.45
CIELCh	78, 103.003, 138.352
Yxy	54.0399, 0.2949, 0.5816
Android (android.graphics.Color)	4278247725 (0xFF00E12D)
YUV	137.2050, -45.4571, -120.3288
Hunter-Lab	73.5118, -62.1162, 42.2079

Details

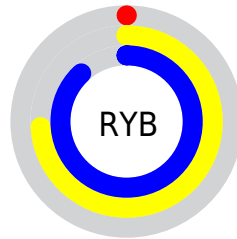
The XYZ color **27.3989, 54.0399, 11.4693** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **39.2909, 19.3036, 44.8353**, and the grayscale version is **24.0447, 25.2969, 27.5483**.

A 20% lighter version of the original color is **44.7919, 75.8756, 25.9203**, and **14.0026, 28.0053, 4.6675** is the 20% darker color. If you saturate the color by 10%, you get **27.4000, 54.0421, 11.4701**, and if you desaturate by 10%, it is **28.1659, 54.3879, 13.7173**.

Distribution



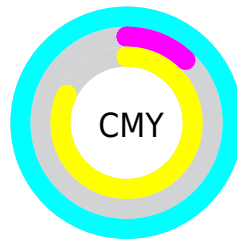
- Red (0%)
- Green (88%)
- Blue (18%)



- Red (0%)
- Yellow (74%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3989, 54.0399, 11.4693 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 27.3989, 54.0399, 11.4693 by changing the saturation by 10% instead.

■ 27.3989, 54.0399,
11.4693

■ 27.3989, 54.0399,
11.4693

281.7158,
402.2621, 211.7112

■ 18.0112, 38.6336,
6.2653

■ 54.9387, 96.1328,
29.1746

■ 11.0577, 26.4748,
2.9357

■ 73.8215, 123.5882,
42.5129

■ 6.1733, 17.1792,
1.0619

■ 96.6000, 155.8287,
59.3998

■ 2.9924, 10.3623,
0.0000

■ 123.6396,
193.2388, 80.2538

■ 1.1497, 5.6398,
0.0000

■ 155.3056,
236.2027, 105.4934

■ 0.0661, 2.6273,
0.0000

■ 191.9634,

■ 0.0000, 0.9404,

285.1050, 135.5371

0.0000

233.9784,
340.3300, 170.8036

■ 0.0000, 0.0000,
0.0000

■ 27.3989, 54.0399,
11.4693

■ 27.3989, 54.0399,
11.4693

■ 27.4000, 54.0421,
11.4701

■ 28.1659, 54.3879,
13.7173

■ 29.4942, 55.0048,
16.8487

■ 31.5284, 55.9648,
20.9470

■ 34.3547, 57.3111,
26.0836

■ 38.0468, 59.0802,
32.3230

■ 42.6696, 61.3043,
39.7245

■ 48.2816, 64.0124,
48.3430

■ 54.9367, 67.2313,
58.2301

■ 62.6847, 70.9856,
69.4343

Harmonies

Analogous

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



40.0440, 54.0399, 3.7621



27.3989, 54.0399, 11.4693



21.8683, 54.0399, 39.0604

Triad

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



27.3989, 54.0399, 11.4693



43.8900, 54.0399, 249.8217



97.9428, 54.0399, 30.2303

Complementary

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



27.3989, 54.0399, 11.4693



39.2909, 19.3036, 44.8353

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.



99.7679, 54.0399, 84.3734



27.3989, 54.0399, 11.4693



64.6368, 54.0399, 241.0683

Square

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



27.3989, 54.0399, 11.4693



29.5737, 54.0399, 187.8522



86.3349, 54.0399, 168.5434



81.8588, 54.0399, 8.6379

Rectangle

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



27.3989, 54.0399, 11.4693



21.6487, 54.0399, 76.5871



86.3349, 54.0399, 168.5434



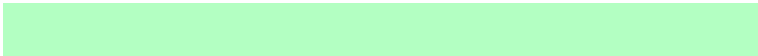
100.3750, 54.0399, 44.0714

Sweetspot

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



27.4002, 54.0421, 11.4705



63.9503, 84.9304, 63.9447



45.7497, 63.5564, 9.8565



12.9780, 17.8357, 12.6066



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.



27.4002, 54.0421, 11.4705



36.3576, 71.7591, 15.0671



33.0553, 56.3042, 41.2501



13.6403, 15.3819, 15.1411



15.8218, 31.1536, 6.7845



1.1285, 2.1721, 0.6381

Inverse Universe

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



39.2909, 19.3036, 44.8353



52.1386, 25.6194, 59.3211



32.0810, 16.4196, 6.8684



14.1714, 13.8862, 16.6726



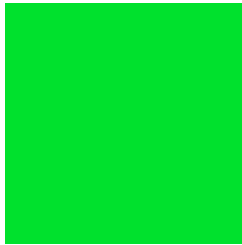
22.6828, 11.1401, 26.0594



1.6025, 0.7843, 1.9655

Previews

White Background



This preview shows how the XYZ color 27.3989, 54.0399, 11.4693 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 27.3989, 54.0399, 11.4693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

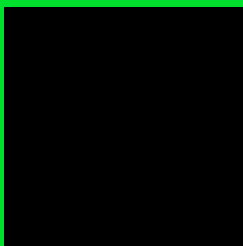
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

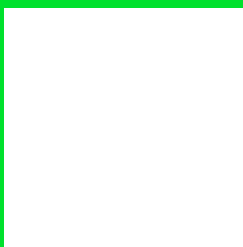
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3989, 54.0399, 11.4693

Background



This preview shows how black text looks on a background with the XYZ color 27.3989, 54.0399, 11.4693.



This preview shows how white text looks on a background with the XYZ color 27.3989, 54.0399, 11.4693.

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

27.3989, 54.0399, 11.4693

Protanopia

48.0192, 53.0252, 9.4543

Deuteranopia

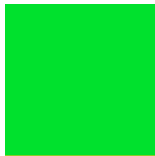
54.1632, 52.9494, 12.3666



Tritanopia

41.4259, 53.9664, 80.9062

Trichromacy



Original Color

27.3989, 54.0399, 11.4693



Protanomaly

32.6956, 49.2191, 9.7845



Deuteranomaly

34.0947, 47.4660, 11.3679



Tritanomaly

32.5371, 52.1039, 42.0604

Monochromacy



Original Color

27.3989, 54.0399, 11.4693



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

20.6171, 31.4016, 18.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3989, 54.0399, 11.4693 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, 225, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 45)  
}
```

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, 225, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 45) }
```

Border

The CSS property to change the border of an element to XYZ 27.3989, 54.0399, 11.4693 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, 225, 45) }
```


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

```
.border{ border-color:rgb(0, 225, 45) }
```

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

Here you see how a box with a 4 pixel rgb(0, 225, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 45);  
box-shadow:4px 4px 4px 4px rgb(0, 225, 45)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.3989, 54.0399, 11.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 45) }
```

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

```
.background{ background-color: rgb(0, 225,  
45) }
```

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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