

Converting Colors

XYZ(27.5715, 54.1800, 11.3254)

Have a look what the booklet for
XYZ(27.5715, 54.1800, 11.3254)
contains.

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Color

**XYZ(27.5272, 54.1104,
11.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	0DE12B
RGB	13, 225, 43
RGB Percent	5%, 88%, 17%
CMY	0.9490, 0.1176, 0.8313
CMYK	0.94, 0.00, 0.81, 0.12
HSL	128°, 89%, 47%
HSV	128°, 94%, 88%
XYZ	27.5272, 54.1104, 11.2790
YIQ	140.8640, -67.9300, -101.5460

Conversions

Conversions Part 2

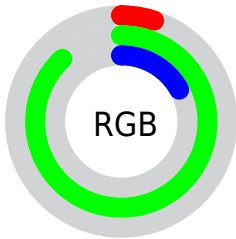
Format	Color
R _{YB}	13, 199, 225
Decimal	909611
CIE Lab	78.53, -76.63, 69.05
CIE LCh	79, 103.149, 137.980
Yxy	54.1104, 0.2963, 0.5824
Android (android.graphics.Color)	4279099691 (0xFF0DE12B)
YUV	140.8640, -48.2470, -112.1367
Hunter-Lab	73.5598, -61.9321, 42.4008

Details

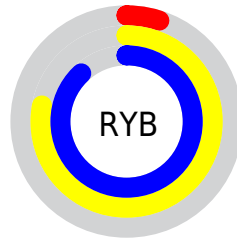
The XYZ color **27.5272, 54.1104, 11.2790** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **41.0462, 20.2359, 53.3688**, and the grayscale version is **25.4675, 26.7938, 29.1784**.

A 20% lighter version of the original color is **45.0687, 76.0302, 25.3966**, and **14.0026, 28.0053, 4.6675** is the 20% darker color. If you saturate the color by 10%, you get **27.1850, 53.9561, 10.3376**, and if you desaturate by 10%, it is **28.5149, 54.5701, 13.6344**.

Distribution



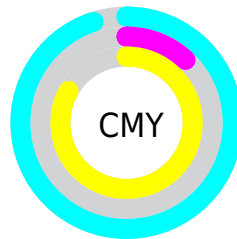
- Red (5%)
- Green (88%)
- Blue (17%)



- Red (5%)
- Yellow (78%)
- Blue (88%)



- Cyan (94%)
- Magenta (0%)
- Yellow (81%)
- Black (12%)



- Cyan (95%)
- Magenta (12%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5272, 54.1104, 11.2790 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 27.5272, 54.1104, 11.2790 by changing the saturation by 10% instead.

■ 27.5272, 54.1104,
11.2790

■ 27.5272, 54.1104,
11.2790

282.3220,
402.5309, 210.3775

■ 18.1082, 38.6899,
6.1383

■ 55.1426, 96.2363,
28.8194

■ 11.1278, 26.5186,
2.8592

■ 74.0698, 123.7106,
42.0562

■ 6.2208, 17.2120,
1.0232

■ 96.8970, 155.9715,
58.8288

■ 3.0217, 10.3858,
0.0000

■ 123.9897,
193.4036, 79.5558

■ 1.1653, 5.6555,
0.0000

■ 155.7132,
236.3912, 104.6555

■ 0.0787, 2.6367,
0.0000

■ 192.4328,

■ 0.0000, 0.9452,

285.3186, 134.5467

0.0000

234.5140,
340.5704, 169.6478

■ 0.0000, 0.0000,
0.0000

■ 27.5272, 54.1104,
11.2790

■ 27.5272, 54.1104,
11.2790

■ 27.1850, 53.9561,
10.3376

■ 28.5149, 54.5701,
13.6344

■ 30.1805, 55.3559,
17.0050

■ 32.6237, 56.5186,
21.4901

■ 35.9265, 58.0988,
27.1761

■ 40.1602, 60.1316,
34.1410

■ 45.3887, 62.6484,
42.4560

■ 51.6702, 65.6777,
52.1873

■ 59.0583, 69.2460,
63.3966

■ 67.6029, 73.3777,
76.1419

Harmonies

Analogous

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



40.2905, 54.1104, 3.7144



27.5272, 54.1104, 11.2790



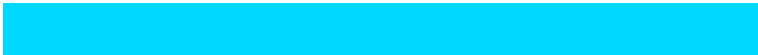
21.9050, 54.1104, 38.5560

Triad

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



27.5272, 54.1104, 11.2790



43.7171, 54.1104, 250.0388



98.2482, 54.1104, 30.6924

Complementary

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



27.5272, 54.1104, 11.2790



41.0462, 20.2359, 53.3688

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.



99.8755, 54.1104, 85.4193



27.5272, 54.1104, 11.2790



64.4546, 54.1104, 242.2304

Square

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



27.5272, 54.1104, 11.2790



29.4641, 54.1104, 187.2258



86.2490, 54.1104, 170.0052



82.2585, 54.1104, 8.7617

Rectangle

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



27.5272, 54.1104, 11.2790



21.6354, 54.1104, 75.8518



86.2490, 54.1104, 170.0052



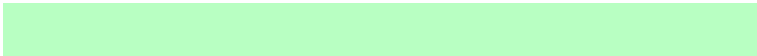
100.6216, 54.1104, 44.7114

Sweetspot

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



27.5285, 54.1126, 11.2802



65.1362, 85.5429, 63.9449



49.9560, 65.7165, 10.4323



13.1814, 17.9430, 12.5055



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.



27.5285, 54.1126, 11.2802



36.0799, 71.6480, 13.6046



32.3798, 56.0532, 36.8272



13.6074, 15.3687, 14.9679



15.6900, 31.1008, 6.0905



1.1130, 2.1659, 0.5563

Inverse Universe

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



41.0462, 20.2359, 53.3688



54.0136, 26.3694, 69.1946



33.0734, 17.0468, 11.3847



14.2072, 13.9005, 16.8614



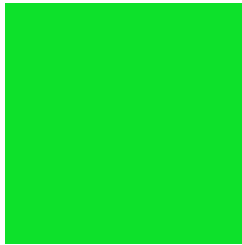
23.4827, 11.4601, 30.2712



1.6509, 0.8036, 2.2205

Previews

White Background



This preview shows how the XYZ color 27.5272, 54.1104, 11.2790 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 27.5272, 54.1104, 11.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

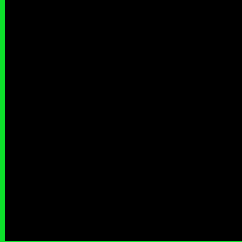
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5272, 54.1104, 11.2790

Background



This preview shows how black text looks on a background with the XYZ color 27.5272, 54.1104, 11.2790.



This preview shows how white text looks on a background with the XYZ color 27.5272, 54.1104,

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

27.5272, 54.1104, 11.2790

Protanopia

47.9886, 53.0130, 9.2934

Deuteranopia

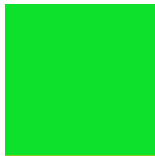
54.1345, 52.9379, 12.2153



Tritanopia

41.3902, 53.9639, 80.1861

Trichromacy



Original Color

27.5272, 54.1104, 11.2790



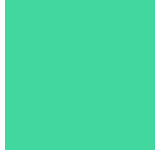
Protanomaly

33.5089, 49.6422, 9.6495



Deuteranomaly

35.0084, 47.9428, 11.1501



Tritanomaly

32.7384, 52.2279, 41.1564

Monochromacy



Original Color

27.5272, 54.1104, 11.2790



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

21.9184, 32.9047, 18.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5272, 54.1104, 11.2790 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(13, 225, 43)` looks like.

```
.text, #text, p{  
    color:rgb(13, 225, 43)  
}
```

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(13, 225, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 225, 43) }
```

Border

The CSS property to change the border of an element to XYZ 27.5272, 54.1104, 11.2790 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(13, 225, 43) }
```


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

```
.border{ border-color:rgb(13, 225, 43) }
```

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

Here you see how a box with a 4 pixel rgb(13, 225, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 225, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 225, 43);  
box-shadow:4px 4px 4px 4px rgb(13, 225,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5272, 54.1104, 11.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 225, 43) }
```

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

```
.background{ background-color: rgb(13, 225,  
43) }
```

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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