

Converting Colors

XYZ(26.9528, 53.2699, 9.3216)

Have a look what the booklet for
XYZ(26.9528, 53.2699, 9.3216)
contains.

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Color

**XYZ(27.0728, 53.5164,
9.3548)**

Conversions

Conversions Part 1

Format	Color
Hex	16E00F
RGB	22, 224, 15
RGB Percent	9%, 88%, 6%
CMY	0.9137, 0.1216, 0.9411
CMYK	0.90, 0.00, 0.93, 0.12
HSL	118°, 87%, 47%
HSV	118°, 93%, 88%
XYZ	27.0728, 53.5164, 9.3548
YIQ	139.7760, -53.3030, -107.8230

Conversions

Conversions Part 2

Format	Color
RYB	15, 224, 217
Decimal	1499151
CIELab	78.18, -76.96, 74.13
CIELCh	78, 106.856, 136.076
Yxy	53.5164, 0.3010, 0.5950
Android (android.graphics.Color)	4279689231 (0xFF16E00F)
YUV	139.7760, -61.5146, -103.2896
Hunter-Lab	73.1549, -61.9627, 43.6266

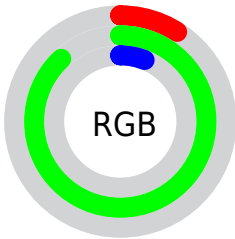
Details

The XYZ color **27.0728, 53.5164, 9.3548** 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 **42.2493, 20.4801, 72.2501**, and the grayscale version is **25.0886, 26.3952, 28.7443**.

A 20% lighter version of the original color is **44.6757, 75.9030, 21.9690**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.7504, 53.3617, 8.8900**, and if you desaturate by 10%, it is **28.0213, 53.9776, 10.7272**.

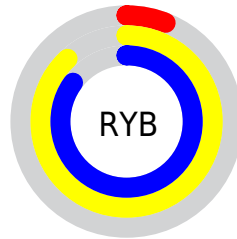
Distribution



Red (9%)

Green (88%)

Blue (6%)



Red (6%)

Yellow (88%)

Blue (85%)

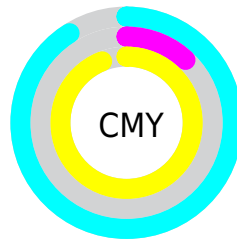


Cyan (90%)

Magenta (0%)

Yellow (93%)

Black (12%)



Cyan (91%)


Magenta (12%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0728, 53.5164, 9.3548 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 27.0728, 53.5164, 9.3548 by changing the saturation by 10% instead.


 27.0728, 53.5164,
9.3548


 27.0728, 53.5164,
9.3548


280.1706,
400.2632, 196.3176


 17.7648, 38.2152,
4.8734


 54.4197, 95.3638,
25.1632


 10.8799, 26.1497,
2.1157


 73.1893, 122.6788,
37.3273


 6.0528, 16.9357,
0.6251


 95.8435, 154.7671,
52.8893

 2.9182, 10.1886,
0.0000

 122.7477,
192.0132, 72.2678

 1.1107, 5.5242,
0.0000

 154.2671,
234.8015, 95.8813

 0.0340, 2.5580,
0.0000

 190.7671,

 0.0000, 0.9056,

283.5163, 124.1484

0.0000

232.6132,
338.5421, 157.4877

■ 0.0000, 0.0000,
0.0000

■ 27.0728, 53.5164,
9.3548

■ 27.0728, 53.5164,
9.3548

■ 26.7504, 53.3617,
8.8900

■ 28.0213, 53.9776,
10.7272

■ 29.6680, 54.7722,
13.2591

■ 32.1150, 55.9504,
17.1345

■ 35.4463, 57.5523,
22.5044

■ 39.7356, 59.6132,
29.4997

■ 45.0489, 62.1644,
38.2371

■ 51.4461, 65.2346,
48.8225

■ 58.9827, 68.8503,
61.3534

■ 67.7104, 73.0362,
75.9205

Harmonies

Analogous

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



40.5337, 53.5164, 2.8960



27.0728, 53.5164, 9.3548



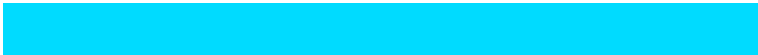
20.9908, 53.5164, 34.7407

Triad

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



27.0728, 53.5164, 9.3548



41.7994, 53.5164, 256.4328



100.0485, 53.5164, 31.8669

Complementary

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



27.0728, 53.5164, 9.3548



42.2493, 20.4801, 72.2501

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.



100.6629, 53.5164, 90.5667



27.0728, 53.5164, 9.3548



62.8194, 53.5164, 253.4408

Square

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



27.0728, 53.5164, 9.3548



27.7796, 53.5164, 186.6063



85.6292, 53.5164, 180.0456



84.1281, 53.5164, 8.4809

Rectangle

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



27.0728, 53.5164, 9.3548



20.4661, 53.5164, 71.3152



85.6292, 53.5164, 180.0456



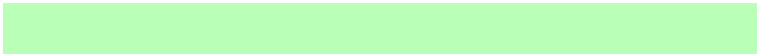
102.1751, 53.5164, 46.9218

Sweetspot

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



27.0740, 53.5186, 9.3560



64.6157, 85.4010, 58.2063



54.7622, 63.7507, 9.8717



13.0610, 17.9100, 11.1869



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.



27.0740, 53.5186, 9.3560



35.8666, 71.5749, 11.9250



29.6179, 54.5208, 23.4488



13.5709, 15.3589, 14.5561



15.5891, 31.0690, 5.1753



1.0957, 2.1613, 0.3594

Inverse Universe

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



42.2493, 20.4801, 72.2501



56.2266, 26.9008, 96.8366



34.9397, 17.8010, 22.7004



14.2474, 13.9111, 17.3219



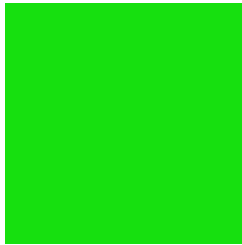
24.4253, 11.6870, 42.0168



1.7074, 0.8175, 2.9130

Previews

White Background



This preview shows how the XYZ color 27.0728, 53.5164, 9.3548 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 27.0728, 53.5164, 9.3548 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 27.0728, 53.5164, 9.3548

Background



This preview shows how black text looks on a background with the XYZ color 27.0728, 53.5164, 9.3548.



This preview shows how white text looks on a background with the XYZ color 27.0728, 53.5164,

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

27.0728, 53.5164, 9.3548

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

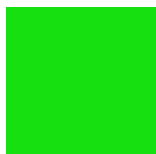
53.5793, 52.3870, 10.3054



Tritanopia

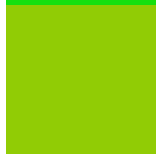
40.9704, 53.0348, 79.3115

Trichromacy



Original Color

27.0728, 53.5164, 9.3548



Protanomaly

33.2973, 49.2164, 7.8884



Deuteranomaly

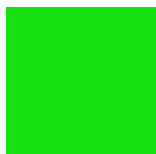
34.9981, 47.6431, 9.1017



Tritanomaly

31.9256, 51.5283, 36.6971

Monochromacy



Original Color

27.0728, 53.5164, 9.3548



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.5582, 32.4934, 15.9621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0728, 53.5164, 9.3548 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(22, 224, 15)` looks like.

```
.text, #text, p{  
    color:rgb(22, 224, 15)  
}
```

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(22, 224, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 224, 15) }
```

Border

The CSS property to change the border of an element to XYZ 27.0728, 53.5164, 9.3548 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(22, 224, 15) }
```


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

```
.border{ border-color:rgb(22, 224, 15) }
```

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

Here you see how a box with a 4 pixel rgb(22, 224, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 224, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 224, 15);  
box-shadow:4px 4px 4px 4px rgb(22, 224,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0728, 53.5164, 9.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 224, 15) }
```

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

```
.background{ background-color: rgb(22, 224,  
15) }
```

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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