

Converting Colors

XYZ(27.1199, 53.5447, 9.3145)

Have a look what the booklet for
XYZ(27.1199, 53.5447, 9.3145)
contains.

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Color

**XYZ(27.1116, 53.5372,
9.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	18E00E
RGB	24, 224, 14
RGB Percent	9%, 88%, 5%
CMY	0.9059, 0.1216, 0.9450
CMYK	0.89, 0.00, 0.94, 0.12
HSL	117°, 88%, 47%
HSV	117°, 94%, 88%
XYZ	27.1116, 53.5372, 9.3203
YIQ	140.2600, -51.7900, -107.7100

Conversions

Conversions Part 2

Format	Color
RYB	14, 224, 214
Decimal	1630222
CIELab	78.19, -76.86, 74.26
CIELCh	78, 106.871, 135.987
Yxy	53.5372, 0.3013, 0.5951
Android (android.graphics.Color)	4279820302 (0xFF18E00E)
YUV	140.2600, -62.2462, -101.9600
Hunter-Lab	73.1691, -61.9058, 43.6660

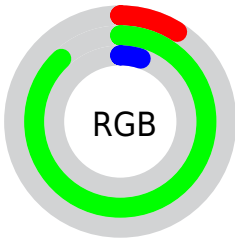
Details

The XYZ color **27.1116, 53.5372, 9.3203** 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 **41.3527, 19.9974, 72.2042**, and the grayscale version is **25.2798, 26.5964, 28.9634**.

A 20% lighter version of the original color is **44.7656, 75.9543, 21.7524**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.7900, 53.3822, 8.8918**, and if you desaturate by 10%, it is **28.0787, 54.0090, 10.6482**.

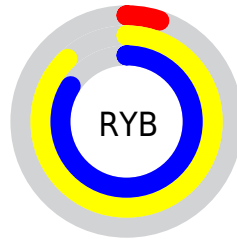
Distribution



Red (9%)

Green (88%)

Blue (5%)



Red (5%)

Yellow (88%)

Blue (84%)

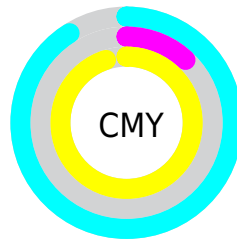


Cyan (89%)

Magenta (0%)

Yellow (94%)

Black (12%)



Cyan (91%)


Magenta (12%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1116, 53.5372, 9.3203 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 27.1116, 53.5372, 9.3203 by changing the saturation by 10% instead.


 27.1116, 53.5372,
9.3203


 27.1116, 53.5372,
9.3203


280.3548,
400.3427, 196.0549


 17.7941, 38.2318,
4.8510


 54.4815, 95.3944,
25.0965


 10.9010, 26.1626,
2.1029


 73.2646, 122.7149,
37.2404

 6.0671, 16.9453,
0.6175


 95.9336, 154.8093,
52.7797

 2.9270, 10.1955,
0.0000

 122.8539,
192.0620, 72.1329

 1.1153, 5.5288,
0.0000

 154.3908,
234.8572, 95.7184

 0.0378, 2.5607,
0.0000

 190.9097,

 0.0000, 0.9070,

283.5795, 123.9549

0.0000

232.7759,
338.6132, 157.2609

■ 0.0000, 0.0000,
0.0000

■ 27.1116, 53.5372,
9.3203

■ 27.1116, 53.5372,
9.3203

■ 26.7900, 53.3822,
8.8918

■ 28.0787, 54.0090,
10.6482

■ 29.7340, 54.8092,
13.1261

■ 32.1757, 55.9861,
16.9397

■ 35.4857, 57.5785,
22.2410

■ 39.7351, 59.6204,
29.1614

■ 44.9881, 62.1422,
37.8182

■ 51.3029, 65.1718,
48.3175

■ 58.7335, 68.7348,
60.7572

■ 67.3301, 72.8551,
75.2281

Harmonies

Analogous

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



40.6009, 53.5372, 2.8903



27.1116, 53.5372, 9.3203



21.0071, 53.5372, 34.6314

Triad

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



27.1116, 53.5372, 9.3203



41.7625, 53.5372, 256.4194



100.1150, 53.5372, 31.9940

Complementary

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



27.1116, 53.5372, 9.3203



41.3527, 19.9974, 72.2042

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.



100.6788, 53.5372, 90.8351



27.1116, 53.5372, 9.3203



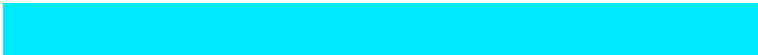
62.7749, 53.5372, 253.6734

Square

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



27.1116, 53.5372, 9.3203



27.7603, 53.5372, 186.4111



85.6015, 53.5372, 180.3900



84.2239, 53.5372, 8.5183

Rectangle

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



27.1116, 53.5372, 9.3203



20.4703, 53.5372, 71.1400



85.6015, 53.5372, 180.3900



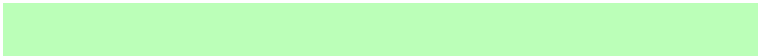
102.2258, 53.5372, 47.0939

Sweetspot

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



27.1128, 53.5394, 9.3215



64.8613, 85.5277, 58.2178



54.7426, 63.7227, 9.8308



13.1173, 17.9390, 11.1896



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.



27.1128, 53.5394, 9.3215



35.9132, 71.5990, 11.9272



29.5725, 54.5008, 23.2927



13.5887, 15.3681, 14.5569



15.6202, 31.0850, 5.1767



1.1043, 2.1658, 0.3598

Inverse Universe

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



41.3527, 19.9974, 72.2042



54.9732, 26.2546, 96.7780



34.8958, 17.7614, 22.5373



14.2273, 13.9007, 17.3209



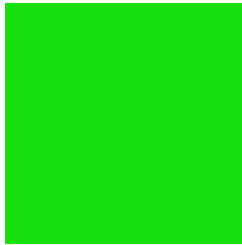
23.8933, 11.4127, 41.9919



1.6763, 0.8014, 2.9116

Previews

White Background



This preview shows how the XYZ color 27.1116, 53.5372, 9.3203 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 27.1116, 53.5372, 9.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

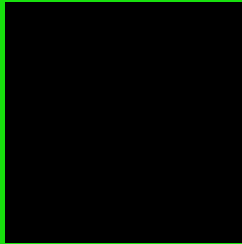
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1116, 53.5372, 9.3203

Background



This preview shows how black text looks on a background with the XYZ color 27.1116, 53.5372, 9.3203.



This preview shows how white text looks on a background with the XYZ color 27.1116, 53.5372,

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

27.1116, 53.5372, 9.3203

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

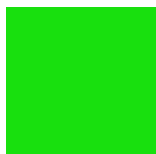
53.5793, 52.3870, 10.3054



Tritanopia

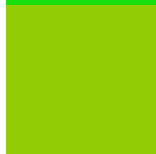
40.9704, 53.0348, 79.3115

Trichromacy



Original Color

27.1116, 53.5372, 9.3203



Protanomaly

33.4743, 49.3077, 7.8966



Deuteranomaly

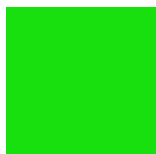
35.2005, 47.7475, 9.1112



Tritanomaly

31.9177, 51.5333, 36.2817

Monochromacy



Original Color

27.1116, 53.5372, 9.3203



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.6203, 32.5306, 15.7292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1116, 53.5372, 9.3203 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(24, 224, 14)` looks like.

```
.text, #text, p{  
    color:rgb(24, 224, 14)  
}
```

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(24, 224, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 224, 14) }
```

Border

The CSS property to change the border of an element to XYZ 27.1116, 53.5372, 9.3203 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(24, 224, 14) }
```


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

```
.border{ border-color:rgb(24, 224, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 224, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 224, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 224, 14);  
box-shadow:4px 4px 4px 4px rgb(24, 224,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1116, 53.5372, 9.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 224, 14) }
```

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

```
.background{ background-color: rgb(24, 224,  
14) }
```

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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