

Converting Colors

XYZ(27.1629, 53.5632, 9.7562)

Have a look what the booklet for
XYZ(27.1629, 53.5632, 9.7562)
contains.

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Color

**XYZ(27.1514, 53.5478,
9.7689)**

Conversions

Conversions Part 1

Format	Color
Hex	16E018
RGB	22, 224, 24
RGB Percent	9%, 88%, 9%
CMY	0.9137, 0.1216, 0.9058
CMYK	0.90, 0.00, 0.89, 0.12
HSL	121°, 82%, 48%
HSV	121°, 90%, 88%
XYZ	27.1514, 53.5478, 9.7689
YIQ	140.8020, -56.1920, -105.0240

Conversions

Conversions Part 2

Format	Color
R_{YB}	22, 222, 224
Decimal	1499160
CIE _{Lab}	78.20, -76.73, 72.87
CIE _{LCh}	78, 105.818, 136.475
Yxy	53.5478, 0.3001, 0.5919
Android (android.graphics.Color)	4279689240 (0xFF16E018)
YUV	140.8020, -57.5834, -104.1894
Hunter-Lab	73.1764, -61.8279, 43.3084

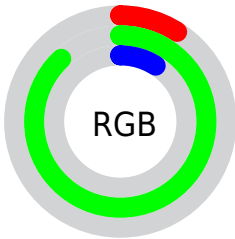
Details

The XYZ color **27.1514, 53.5478, 9.7689** 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 **44.2120, 21.6951, 70.9571**, and the grayscale version is **25.4759, 26.8026, 29.1880**.

A 20% lighter version of the original color is **44.8060, 75.9552, 22.6552**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.6690, 53.3183, 8.9500**, and if you desaturate by 10%, it is **28.2097, 54.0566, 11.5519**.

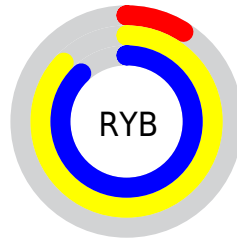
Distribution



Red (9%)

Green (88%)

Blue (9%)



Red (9%)

Yellow (87%)

Blue (88%)

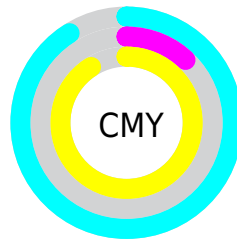


Cyan (90%)

Magenta (0%)

Yellow (89%)

Black (12%)



Cyan (91%)


Magenta (12%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1514, 53.5478, 9.7689 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 27.1514, 53.5478, 9.7689 by changing the saturation by 10% instead.


 27.1514, 53.5478,
9.7689


 27.1514, 53.5478,
9.7689


280.5436,
400.3833, 199.4391


 17.8241, 38.2403,
5.1424


 54.5449, 95.4100,
25.9609

 10.9227, 26.1692,
2.2709


 73.3418, 122.7334,
38.3635

 6.0818, 16.9503,
0.7148


 96.0260, 154.8309,
54.1952

 2.9360, 10.1990,
0.0000

 122.9629,
192.0868, 73.8745

 1.1200, 5.5311,
0.0000

 154.5177,
234.8856, 97.8200

 0.0418, 2.5621,
0.0000

 191.0559,

 0.0000, 0.9077,

283.6117, 126.4503

0.0000

232.9427,
338.6495, 160.1838

■ 0.0000, 0.0000,
0.0000

■ 27.1514, 53.5478,
9.7689

■ 27.1514, 53.5478,
9.7689

■ 26.6690, 53.3183,
8.9500

■ 28.2097, 54.0566,
11.5519

■ 30.0126, 54.9216,
14.5473

■ 32.6648, 56.1948,
18.9204

■ 36.2534, 57.9182,
24.8099

■ 40.8549, 60.1285,
32.3377

■ 46.5376, 62.8586,
41.6132

■ 53.3643, 66.1388,
52.7364

■ 61.3925, 69.9966,
65.7999

■ 70.6763, 74.4582,
80.8898

Harmonies

Analogous

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



40.4240, 53.5478, 3.0795



27.1514, 53.5478, 9.7689



21.1814, 53.5478, 35.5061

Triad

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



27.1514, 53.5478, 9.7689



42.1447, 53.5478, 254.1246



99.3868, 53.5478, 31.5888

Complementary

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



27.1514, 53.5478, 9.7689



44.2120, 21.6951, 70.9571

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.



100.2173, 53.5478, 89.2258



27.1514, 53.5478, 9.7689



63.0353, 53.5478, 250.0949

Square

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



27.1514, 53.5478, 9.7689



28.1153, 53.5478, 186.1227



85.5444, 53.5478, 177.2739



83.5133, 53.5478, 8.5617

Rectangle

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



27.1514, 53.5478, 9.7689



20.7112, 53.5478, 72.1231



85.5444, 53.5478, 177.2739



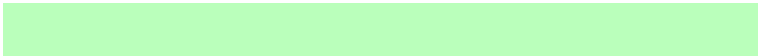
101.5582, 53.5478, 46.3742

Sweetspot

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



27.1526, 53.5500, 9.7701



64.9983, 85.5588, 60.0108



57.5432, 69.2193, 11.0869



13.2813, 18.0099, 11.8160



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.



27.1526, 53.5500, 9.7701



35.7739, 71.5256, 11.9934



30.5629, 54.9141, 27.7284



13.5343, 15.3395, 14.5830



15.5251, 31.0349, 5.2225



1.0781, 2.1520, 0.3724

Inverse Universe

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



44.2120, 21.6951, 70.9571



58.8832, 28.3173, 94.8378



34.6039, 17.8519, 20.3616



14.2888, 13.9332, 17.2912



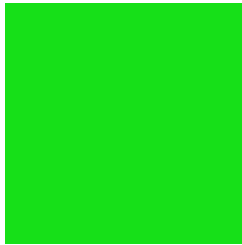
25.5522, 12.2879, 41.1693



1.7731, 0.8525, 2.8638

Previews

White Background



This preview shows how the XYZ color 27.1514, 53.5478, 9.7689 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 27.1514, 53.5478, 9.7689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

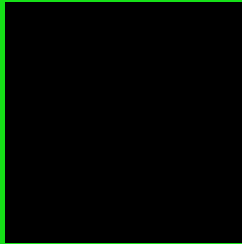
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1514, 53.5478, 9.7689

Background



This preview shows how black text looks on a background with the XYZ color 27.1514, 53.5478, 9.7689.



This preview shows how white text looks on a background with the XYZ color 27.1514, 53.5478,

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

27.1514, 53.5478, 9.7689

Protanopia

47.2178, 52.3179, 7.8682

Deuteranopia

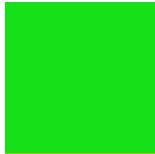
53.3057, 52.2382, 10.6416



Tritanopia

40.8658, 52.9809, 79.3066

Trichromacy



Original Color

27.1514, 53.5478, 9.7689



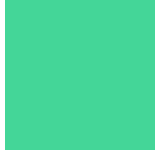
Protanomaly

33.3492, 49.2372, 8.1615



Deuteranomaly

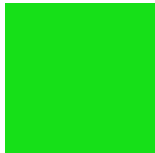
35.0821, 47.6767, 9.5440



Tritanomaly

32.0980, 51.5891, 37.9717

Monochromacy



Original Color

27.1514, 53.5478, 9.7689



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

21.8045, 32.6043, 16.6993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1514, 53.5478, 9.7689 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(22, 224, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 224, 24) }
```

Border

The CSS property to change the border of an element to XYZ 27.1514, 53.5478, 9.7689 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, 24) }
```


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

```
.border{ border-color:rgb(22, 224, 24) }
```

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, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 224, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 224, 24);  
box-shadow:4px 4px 4px 4px rgb(22, 224,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1514, 53.5478, 9.7689 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, 24) }
```

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

```
.background{ background-color: rgb(22, 224,  
24) }
```

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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