

Converting Colors

XYZ(27.2252, 53.9741, 10.5438)

Have a look what the booklet for
XYZ(27.2252, 53.9741, 10.5438)
contains.

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Color

**XYZ(27.2286, 53.9718,
10.5726)**

Conversions

Conversions Part 1

Format	Color
Hex	00E123
RGB	0, 225, 35
RGB Percent	0%, 88%, 14%
CMY	1.0000, 0.1176, 0.8627
CMYK	1.00, 0.00, 0.84, 0.12
HSL	129°, 100%, 44%
HSV	129°, 100%, 88%
XYZ	27.2286, 53.9718, 10.5726
YIQ	136.0650, -73.1100, -106.7900

Conversions

Conversions Part 2

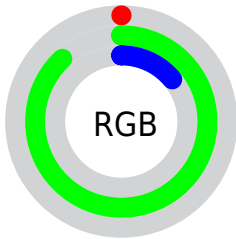
Format	Color
RYB	0, 195, 225
Decimal	57635
CIELab	78.45, -77.48, 70.91
CIELCh	78, 105.033, 137.536
Yxy	53.9718, 0.2967, 0.5881
Android (android.graphics.Color)	4278247715 (0xFF00E123)
YUV	136.0650, -49.8250, -119.3290
Hunter-Lab	73.4655, -62.4070, 42.8933

Details

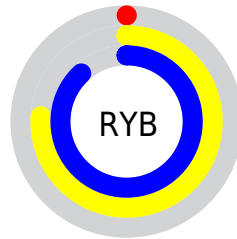
The XYZ color **27.2286, 53.9718, 10.5726** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **40.3463, 19.7257, 50.3933**, and the grayscale version is **23.6282, 24.8587, 27.0712**.

A 20% lighter version of the original color is **44.5677, 75.8004, 24.0864**, and **14.0026, 28.0053, 4.6675** is the 20% darker color. If you saturate the color by 10%, you get **27.2298, 53.9740, 10.5737**, and if you desaturate by 10%, it is **27.9345, 54.2954, 12.4991**.

Distribution



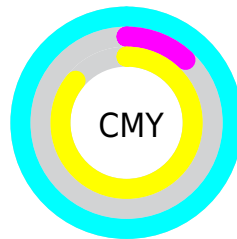
- Red (0%)
- Green (88%)
- Blue (14%)



- Red (0%)
- Yellow (76%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2286, 53.9718, 10.5726 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 27.2286, 53.9718, 10.5726 by changing the saturation by 10% instead.


 27.2286, 53.9718,
10.5726


 27.2286, 53.9718,
10.5726


280.9097,
402.0025, 205.3424


 17.8825, 38.5791,
5.6697


 54.6678, 96.0328,
27.4915


 10.9648, 26.4325,
2.5798


 73.4915, 123.4700,
40.3447

 6.1103, 17.1474,
0.8820


 96.2052, 155.6907,
56.6849

 2.9536, 10.3397,
0.0000

 123.1741,
193.0795, 76.9309

 1.1293, 5.6247,
0.0000

 154.7637,
236.0207, 101.5011

 0.0494, 2.6183,
0.0000

 191.3392,

 0.0000, 0.9359,

284.8986, 130.8140

0.0000

233.2661,
340.0977, 165.2883

■ 0.0000, 0.0000,
0.0000

■ 27.2286, 53.9718,
10.5726

■ 27.2286, 53.9718,
10.5726

■ 27.2298, 53.9740,
10.5737

■ 27.9345, 54.2954,
12.4991

■ 29.2115, 54.8917,
15.3606

■ 31.2078, 55.8366,
19.2600

■ 34.0128, 57.1743,
24.2845

■ 37.7025, 58.9424,
30.5119

■ 42.3441, 61.1740,
38.0130

■ 47.9981, 63.8990,
46.8532

■ 54.7202, 67.1446,
57.0935

■ 62.5617, 70.9363,
68.7911

Harmonies

Analogous

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



40.2409, 53.9718, 3.3524



27.2286, 53.9718, 10.5726



21.4752, 53.9718, 37.4810

Triad

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



27.2286, 53.9718, 10.5726



43.1971, 53.9718, 254.4162



99.2382, 53.9718, 30.7307

Complementary

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



27.2286, 53.9718, 10.5726



40.3463, 19.7257, 50.3933

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.



100.6567, 53.9718, 86.8848



27.2286, 53.9718, 10.5726



64.2163, 53.9718, 247.5608

Square

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



27.2286, 53.9718, 10.5726



28.8900, 53.9718, 188.9023



86.5188, 53.9718, 173.8248



83.0461, 53.9718, 8.4633

Rectangle

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



27.2286, 53.9718, 10.5726



21.1451, 53.9718, 74.9766



86.5188, 53.9718, 173.8248



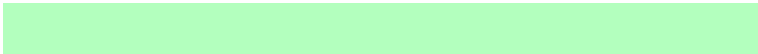
101.5888, 53.9718, 45.0787

Sweetspot

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



27.2299, 53.9740, 10.5738



63.5734, 84.7796, 61.9599



48.4760, 64.9619, 9.9840



12.8914, 17.8011, 12.1509



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.



27.2299, 53.9740, 10.5738



36.1375, 71.6710, 13.9080



32.1344, 55.9358, 36.4006



13.6153, 15.3718, 15.0094



15.7178, 31.1120, 6.2367



1.1168, 2.1674, 0.5760

Inverse Universe

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



40.3463, 19.7257, 50.3933



53.5474, 26.1829, 66.7397



32.4549, 16.5692, 8.8376



14.1986, 13.8971, 16.8159



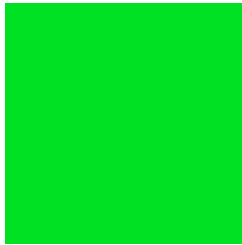
23.2840, 11.3806, 29.2249



1.6390, 0.7989, 2.1575

Previews

White Background



This preview shows how the XYZ color 27.2286, 53.9718, 10.5726 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 27.2286, 53.9718, 10.5726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

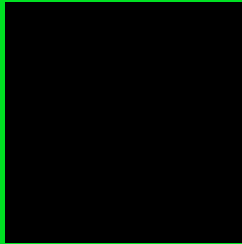
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

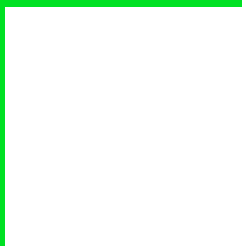
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2286, 53.9718, 10.5726

Background



This preview shows how black text looks on a background with the XYZ color 27.2286, 53.9718, 10.5726.



This preview shows how white text looks on a background with the XYZ color 27.2286, 53.9718,

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

27.2286, 53.9718, 10.5726

Protanopia

47.8717, 52.9662, 8.6777

Deuteranopia

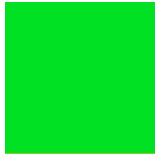
53.9985, 52.8835, 11.4992



Tritanopia

41.1440, 53.4716, 80.1040

Trichromacy



Original Color

27.2286, 53.9718, 10.5726



Protanomaly

32.5343, 49.1546, 8.9355



Deuteranomaly

33.9067, 47.3908, 10.3779



Tritanomaly

32.2497, 51.9959, 40.2348

Monochromacy



Original Color

27.2286, 53.9718, 10.5726



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.1852, 30.9324, 16.7110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2286, 53.9718, 10.5726 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 35) }
```

Border

The CSS property to change the border of an element to XYZ 27.2286, 53.9718, 10.5726 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, 35) }
```


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

```
.border{ border-color:rgb(0, 225, 35) }
```

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, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 225, 35)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.2286, 53.9718, 10.5726 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, 35) }
```

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

```
.background{ background-color: rgb(0, 225,  
35) }
```

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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