

Converting Colors

XYZ(29.0948, 57.8569, 9.6341)

Have a look what the booklet for
XYZ(29.0948, 57.8569, 9.6341)
contains.

XYZ(29.0878, 57.8324, 9.6297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.0878, 57.8324,
9.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	11E800
RGB	17, 232, 0
RGB Percent	7%, 91%, 0%
CMY	0.9333, 0.0902, 0.9999
CMYK	0.93, 0.00, 1.00, 0.09
HSL	116°, 100%, 45%
HSV	116°, 100%, 91%
XYZ	29.0878, 57.8324, 9.6297
YIQ	141.2670, -53.6680, -117.7320

Conversions

Conversions Part 2

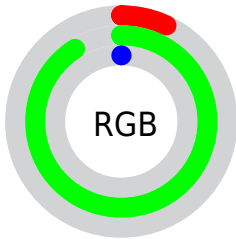
Format	Color
RYB	0, 232, 215
Decimal	1173504
CIELab	80.65, -79.63, 77.52
CIELCh	81, 111.133, 135.768
Yxy	57.8324, 0.3013, 0.5990
Android (android.graphics.Color)	4279363584 (0xFF11E800)
YUV	141.2670, -69.6446, -108.9822
Hunter-Lab	76.0476, -64.8080, 45.7256

Details

The XYZ color **29.0878, 57.8324, 9.6297** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **42.6010, 20.2795, 78.0160**, and the grayscale version is **25.7054, 27.0441, 29.4510**.

A 20% lighter version of the original color is **44.6828, 75.9211, 21.3160**, and **15.1361, 30.2721, 5.0454** is the 20% darker color. If you saturate the color by 10%, you get **29.0884, 57.8345, 9.6301**, and if you desaturate by 10%, it is **29.8328, 58.2001, 10.4843**.

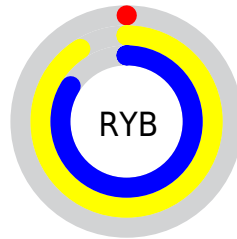
Distribution



Red (7%)

Green (91%)

Blue (0%)



Red (0%)

Yellow (91%)

Blue (84%)

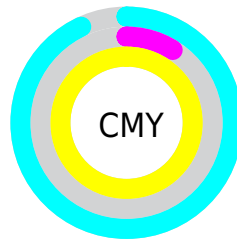


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (93%)


Magenta (9%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0878, 57.8324, 9.6297 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 29.0878, 57.8324, 9.6297 by changing the saturation by 10% instead.


 29.0878, 57.8324,
9.6297


 29.0878, 57.8324,
9.6297


289.6157,
416.5611, 198.3962

 19.2919, 41.6739,
5.0518


 57.6131, 101.6788,
25.6935


 11.9866, 28.8461,
2.2184


 77.0733, 130.1354,
38.0164


 6.8067, 18.9644,
0.6850


 100.4855,
163.4603, 53.7580

 3.3868, 11.6446,
0.0000

 128.2152,
202.0377, 73.3369

 1.3614, 6.5021,
0.0000

 160.6277,
246.2521, 97.1717

 0.2285, 3.1527,
0.0000

 198.0884,

 0.0000, 1.2120,

296.4879, 125.6808

0.0000

240.9626,
353.1294, 159.2828

■ 0.0000, 0.0715,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 29.0878, 57.8324,
9.6297

■ 29.0878, 57.8324,
9.6297

■ 29.0884, 57.8345,
9.6301

■ 29.8328, 58.2001,
10.4843

■ 31.2234, 58.8771,
12.3485

■ 33.3890, 59.9251,
15.5408

■ 36.4214, 61.3873,
20.2467

■ 40.3993, 63.3010,
26.6225

■ 45.3929, 65.6994,
34.8048

■ 51.4654, 68.6124,
44.9165

■ 58.6750, 72.0675,
57.0693

■ 67.0757, 76.0905,
71.3667

Harmonies

Analogous

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



43.8590, 57.8324, 2.8929



29.0878, 57.8324, 9.6297



22.4019, 57.8324, 36.7959

Triad

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



29.0878, 57.8324, 9.6297



44.8462, 57.8324, 281.0583



109.1051, 57.8324, 34.5626

Complementary

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



29.0878, 57.8324, 9.6297



42.6010, 20.2795, 78.0160

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.



109.5878, 57.8324, 99.3013



29.0878, 57.8324, 9.6297



67.8102, 57.8324, 278.6954

Square

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



29.0878, 57.8324, 9.6297



29.6367, 57.8324, 203.2582



92.8990, 57.8324, 198.0870



91.7209, 57.8324, 8.9628

Rectangle

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



29.0878, 57.8324, 9.6297



21.7878, 57.8324, 76.4994



92.8990, 57.8324, 198.0870



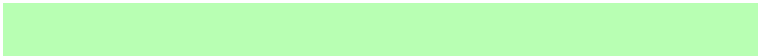
111.3836, 57.8324, 51.1373

Sweetspot

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



29.0891, 57.8348, 9.6310



63.6364, 84.9567, 55.4275



56.9923, 64.5808, 9.4624



12.9044, 17.8407, 10.6665



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.



29.0891, 57.8348, 9.6310



36.0218, 71.6550, 11.9323



31.0013, 58.5730, 20.9047



14.2865, 16.1392, 15.2667



16.1869, 32.1261, 5.3478



1.2305, 2.3917, 0.3968

Inverse Universe

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



42.6010, 20.2795, 78.0160



52.7572, 25.1122, 96.6743



37.6782, 18.9163, 24.7161



14.8856, 14.5588, 18.1699



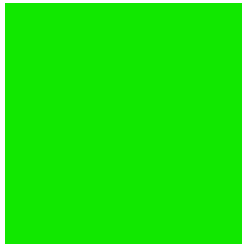
23.6954, 11.2813, 43.3118



1.7823, 0.8498, 3.2021

Previews

White Background



This preview shows how the XYZ color 29.0878, 57.8324, 9.6297 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 29.0878, 57.8324, 9.6297 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

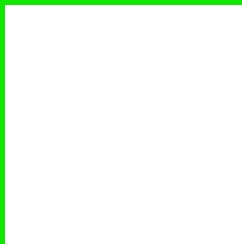
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0878, 57.8324, 9.6297

Background



This preview shows how black text looks on a background with the XYZ color 29.0878, 57.8324, 9.6297.



This preview shows how white text looks on a background with the XYZ color 29.0878, 57.8324,

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

29.0878, 57.8324, 9.6297

Protanopia

51.1639, 56.6941, 8.2464

Deuteranopia

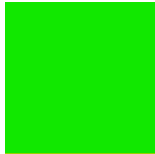
57.6259, 56.3365, 10.8544



Tritanopia

44.3009, 57.5916, 85.8722

Trichromacy



Original Color

29.0878, 57.8324, 9.6297



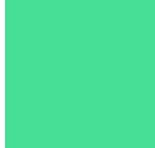
Protanomaly

35.6887, 52.9781, 8.3448



Deuteranomaly

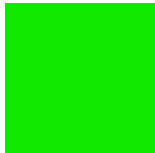
37.3706, 51.2893, 9.2967



Tritanomaly

33.9208, 55.6459, 36.9699

Monochromacy



Original Color

29.0878, 57.8324, 9.6297



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

21.8054, 33.4971, 14.9892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0878, 57.8324, 9.6297 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(17, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(17, 232, 0)  
}
```

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(17, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 232, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.0878, 57.8324, 9.6297 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(17, 232, 0) }
```


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

```
.border{ border-color:rgb(17, 232, 0) }
```

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

Here you see how a box with a 4 pixel rgb(17, 232, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(17, 232, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.0878, 57.8324, 9.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 232, 0) }
```

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

```
.background{ background-color: rgb(17, 232,  
0) }
```

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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