

Converting Colors

XYZ(28.3388, 55.2896, 13.6521)

Have a look what the booklet for
XYZ(28.3388, 55.2896, 13.6521)
contains.

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Color

**XYZ(28.3239, 55.2815,
13.5925)**

Conversions

Conversions Part 1

Format	Color
Hex	01E33D
RGB	1, 227, 61
RGB Percent	0%, 89%, 24%
CMY	0.9961, 0.1098, 0.7608
CMYK	1.00, 0.00, 0.73, 0.11
HSL	136°, 99%, 45%
HSV	136°, 100%, 89%
XYZ	28.3239, 55.2815, 13.5925
YIQ	140.5020, -81.4100, -99.5380

Conversions

Conversions Part 2

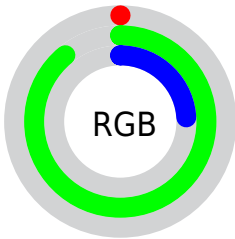
Format	Color
RYB	1, 180, 227
Decimal	123709
CIELab	79.20, -76.39, 64.19
CIELCh	79, 99.775, 139.960
Yxy	55.2815, 0.2914, 0.5688
Android (android.graphics.Color)	4278313789 (0xFF01E33D)
YUV	140.5020, -39.1945, -122.3433
Hunter-Lab	74.3515, -62.1164, 41.2070

Details

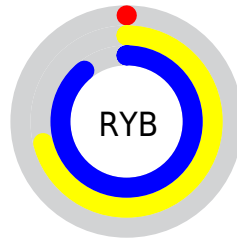
The XYZ color **28.3239, 55.2815, 13.5925** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **38.6659, 19.1434, 38.2172**, and the grayscale version is **25.2953, 26.6126, 28.9811**.

A 20% lighter version of the original color is **45.4604, 76.1430, 29.4406**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **28.2929, 55.2694, 13.4892**, and if you desaturate by 10%, it is **29.2036, 55.6764, 16.3552**.

Distribution



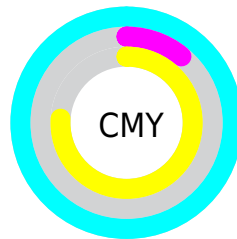
- Red (0%)
- Green (89%)
- Blue (24%)



- Red (0%)
- Yellow (71%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3239, 55.2815, 13.5925 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 28.3239, 55.2815, 13.5925 by changing the saturation by 10% instead.

■ 28.3239, 55.2815,
13.5925

■ 28.3239, 55.2815,
13.5925

286.0635,
406.9781, 226.0204

■ 18.7117, 39.6271,
7.7023

■ 56.4062, 97.9533,
33.0709

■ 11.5649, 27.2480,
3.8200

■ 75.6069, 125.7395,
47.4961

■ 6.5182, 17.7595,
1.5271

■ 98.7346, 158.3384,
65.6034

■ 3.2063, 10.7775,
0.2380

■ 126.1545,
196.1345, 87.8114

■ 1.2638, 5.9174,
0.0000

■ 158.2319,
239.5121, 114.5385

■ 0.1559, 2.7949,
0.0000

195.3324,

■ 0.0000, 1.0256,

288.8557, 146.2034

0.0000

237.8211,
344.5495, 183.2245

■ 0.0000, 0.0000,
0.0000

■ 28.3239, 55.2815,
13.5925

■ 28.3239, 55.2815,
13.5925

■ 28.2929, 55.2694,
13.4892

■ 29.2036, 55.6764,
16.3552

■ 30.6515, 56.3451,
19.9333

■ 32.8026, 57.3577,
24.3890

■ 35.7410, 58.7563,
29.7763

■ 39.5383, 60.5768,
36.1443

■ 44.2578, 62.8511,
43.5391

■ 49.9567, 65.6075,
52.0033

■ 56.6874, 68.8723,
61.5776

■ 64.4985, 72.6699,
72.3001

Harmonies

Analogous

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



40.5158, 55.2815, 4.7411



28.3239, 55.2815, 13.5925



23.1183, 55.2815, 43.0131

Triad

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



28.3239, 55.2815, 13.5925



46.1412, 55.2815, 245.8755



97.4275, 55.2815, 29.9594

Complementary

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



28.3239, 55.2815, 13.5925



38.6659, 19.1434, 38.2172

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.



100.0396, 55.2815, 81.4267



28.3239, 55.2815, 13.5925



66.7429, 55.2815, 233.5339

Square

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



28.3239, 55.2815, 13.5925



31.5429, 55.2815, 189.4017



87.6871, 55.2815, 162.0174



81.2572, 55.2815, 9.1980

Rectangle

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



28.3239, 55.2815, 13.5925



23.1130, 55.2815, 81.2437



87.6871, 55.2815, 162.0174



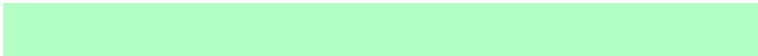
100.0538, 55.2815, 43.1328

Sweetspot

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



28.3252, 55.2838, 13.5938



64.5218, 85.1590, 66.9542



44.1624, 63.5448, 9.9666



13.1099, 17.8885, 13.3013



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.



28.3252, 55.2838, 13.5938



36.7943, 71.9337, 17.3666



34.7862, 57.8682, 47.6169



14.3457, 16.1517, 16.0850



16.5411, 32.2485, 8.0837



1.2600, 2.3981, 0.7958

Inverse Universe

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



38.6659, 19.1434, 38.2172



50.2416, 24.8606, 49.3319



32.4419, 16.6538, 5.4418



14.8232, 14.5465, 17.2693



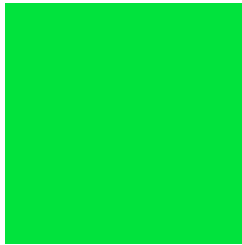
22.5792, 11.1659, 22.4766



1.7064, 0.8403, 1.8606

Previews

White Background



This preview shows how the XYZ color 28.3239, 55.2815, 13.5925 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 28.3239, 55.2815, 13.5925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

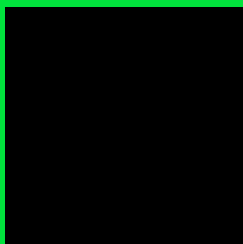
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.3239, 55.2815, 13.5925

Background



This preview shows how black text looks on a background with the XYZ color 28.3239, 55.2815, 13.5925.



This preview shows how white text looks on a background with the XYZ color 28.3239, 55.2815,

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

28.3239, 55.2815, 13.5925

Protanopia

49.0712, 54.1927, 11.2421

Deuteranopia

55.3065, 54.1110, 14.5507



Tritanopia

42.2005, 55.0713, 82.5344

Trichromacy



Original Color

28.3239, 55.2815, 13.5925



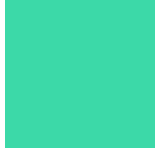
Protanomaly

33.6741, 50.4001, 11.6948



Deuteranomaly

35.1180, 48.6335, 13.4975



Tritanomaly

33.7442, 53.4135, 45.5771

Monochromacy



Original Color

28.3239, 55.2815, 13.5925



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

21.8936, 32.8486, 20.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3239, 55.2815, 13.5925 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(1, 227, 61)` looks like.

```
.text, #text, p{  
    color:rgb(1, 227, 61)  
}
```

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(1, 227, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 227, 61) }
```

Border

The CSS property to change the border of an element to XYZ 28.3239, 55.2815, 13.5925 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(1, 227, 61) }
```


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

```
.border{ border-color:rgb(1, 227, 61) }
```

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

Here you see how a box with a 4 pixel rgb(1, 227, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 227, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 227, 61);  
box-shadow:4px 4px 4px 4px rgb(1, 227, 61)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.3239, 55.2815, 13.5925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 227, 61) }
```

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

```
.background{ background-color: rgb(1, 227,  
61) }
```

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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