

Converting Colors

XYZ(27.3872, 53.4832, 13.1098)

Have a look what the booklet for
XYZ(27.3872, 53.4832, 13.1098)
contains.

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Color

**XYZ(27.4713, 53.6376,
13.1802)**

Conversions

Conversions Part 1

Format	Color
Hex	00E03C
RGB	0, 224, 60
RGB Percent	0%, 88%, 24%
CMY	1.0000, 0.1216, 0.7647
CMYK	1.00, 0.00, 0.73, 0.12
HSL	136°, 100%, 44%
HSV	136°, 100%, 88%
XYZ	27.4713, 53.6376, 13.1802
YIQ	138.3280, -80.8600, -98.4920

Conversions

Conversions Part 2

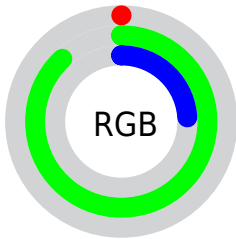
Format	Color
RYB	0, 177, 224
Decimal	57404
CIELab	78.25, -75.66, 63.56
CIELCh	78, 98.821, 139.967
Yxy	53.6376, 0.2914, 0.5689
Android (android.graphics.Color)	4278247484 (0xFF00E03C)
YUV	138.3280, -38.6157, -121.3137
Hunter-Lab	73.2377, -61.2110, 40.5963

Details

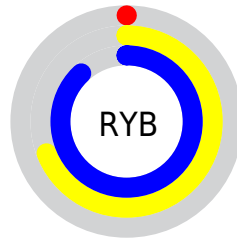
The XYZ color **27.4713, 53.6376, 13.1802** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **37.4428, 18.5284, 36.7257**, and the grayscale version is **24.4497, 25.7230, 28.0123**.

A 20% lighter version of the original color is **45.2776, 76.0556, 29.1234**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **27.4724, 53.6398, 13.1810**, and if you desaturate by 10%, it is **28.3153, 54.0162, 15.8456**.

Distribution



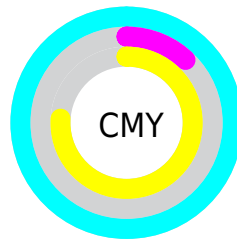
- Red (0%)
- Green (88%)
- Blue (24%)



- Red (0%)
- Yellow (69%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4713, 53.6376, 13.1802 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 27.4713, 53.6376, 13.1802 by changing the saturation by 10% instead.

■ 27.4713, 53.6376,
13.1802

■ 27.4713, 53.6376,
13.1802

282.0580,
400.7266, 223.3176

■ 18.0659, 38.3120,
7.4206

■ 55.0538, 95.5419,
32.3231

■ 11.0973, 26.2249,
3.6441

■ 73.9616, 122.8895,
46.5434

■ 6.2001, 16.9920,
1.4322

■ 96.7676, 155.0131,
64.4210

■ 3.0089, 10.2288,
0.1666

■ 123.8372,
192.2972, 86.3745

■ 1.1585, 5.5509,
0.0000

■ 155.5357,
235.1262, 112.8223

■ 0.0732, 2.5740,
0.0000

192.2284,

■ 0.0000, 0.9136,

283.8845, 144.1831

0.0000

234.2807,
338.9565, 180.8753

■ 0.0000, 0.0000,
0.0000

■ 27.4713, 53.6376,
13.1802

■ 27.4713, 53.6376,
13.1802

■ 27.4724, 53.6398,
13.1810

■ 28.3153, 54.0162,
15.8456

■ 29.6976, 54.6538,
19.2951

■ 31.7570, 55.6226,
23.5888

■ 34.5755, 56.9636,
28.7786

■ 38.2226, 58.7118,
34.9118

■ 42.7598, 60.8979,
42.0325

■ 48.2426, 63.5497,
50.1817

■ 54.7219, 66.6926,
59.3985

■ 62.2447, 70.3501,
69.7196

Harmonies

Analogous

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



39.3029, 53.6376, 4.5925



27.4713, 53.6376, 13.1802



22.4208, 53.6376, 41.7367

Triad

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



27.4713, 53.6376, 13.1802



44.7702, 53.6376, 238.6907



94.5521, 53.6376, 29.0511

Complementary

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



27.4713, 53.6376, 13.1802



37.4428, 18.5284, 36.7257

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.



97.0914, 53.6376, 79.0011



27.4713, 53.6376, 13.1802



64.7695, 53.6376, 226.6913

Square

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



27.4713, 53.6376, 13.1802



30.5995, 53.6376, 183.8655



85.1016, 53.6376, 157.2418



78.8511, 53.6376, 8.9117

Rectangle

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



27.4713, 53.6376, 13.1802



22.4165, 53.6376, 78.8524



85.1016, 53.6376, 157.2418



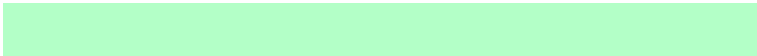
97.1029, 53.6376, 41.8340

Sweetspot

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



27.4726, 53.6398, 13.1814



64.5429, 85.1674, 67.0650



42.0225, 61.2348, 9.6048



13.1148, 17.8904, 13.3270



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.



27.4726, 53.6398, 13.1814



36.8128, 71.9411, 17.4637



34.0780, 56.2820, 47.9650



13.6788, 15.3973, 15.3438



16.0313, 31.2374, 7.8877



1.1480, 2.1799, 0.7403

Inverse Universe

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



37.4428, 18.5284, 36.7257



50.1769, 24.8348, 48.9911



31.3677, 16.0984, 4.7349



14.1301, 13.8697, 16.4553



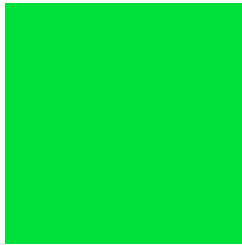
21.8436, 10.8044, 21.6400



1.5507, 0.7635, 1.6927

Previews

White Background



This preview shows how the XYZ color 27.4713, 53.6376, 13.1802 looks on a white background.

Color Contrast Check

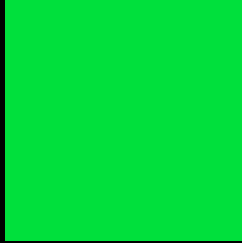
Large Text (above 18pt) WCAG AA × Fail

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 27.4713, 53.6376, 13.1802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

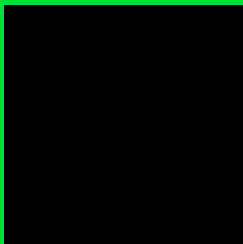
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4713, 53.6376, 13.1802

Background



This preview shows how black text looks on a background with the XYZ color 27.4713, 53.6376, 13.1802.



This preview shows how white text looks on a background with the XYZ color 27.4713, 53.6376,

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

27.4713, 53.6376, 13.1802

Protanopia

47.4938, 52.3943, 10.8587

Deuteranopia

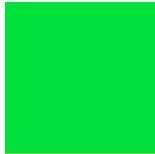
53.6291, 52.3284, 14.1113



Tritanopia

40.9416, 53.3672, 80.0946

Trichromacy



Original Color

27.4713, 53.6376, 13.1802



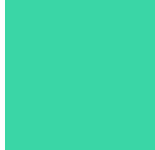
Protanomaly

32.5990, 48.7799, 11.3118



Deuteranomaly

34.0206, 47.0501, 13.0829



Tritanomaly

32.7331, 51.7761, 44.3450

Monochromacy



Original Color

27.4713, 53.6376, 13.1802



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.0269, 31.5764, 19.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4713, 53.6376, 13.1802 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, 224, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 60)  
}
```

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, 224, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 60) }
```

Border

The CSS property to change the border of an element to XYZ 27.4713, 53.6376, 13.1802 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, 224, 60) }
```


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

```
.border{ border-color:rgb(0, 224, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 224, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.4713, 53.6376, 13.1802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 60) }
```

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

```
.background{ background-color: rgb(0, 224,  
60) }
```

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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