

Converting Colors

XYZ(39.3380, 73.2955, 15.2061)

Have a look what the booklet for
XYZ(39.3380, 73.2955, 15.2061)
contains.

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Color

**XYZ(39.3380, 73.2955,
15.2061)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 4CFF33 |
| RGB | 76, 255, 51 |
| RGB Percent | 30%, 100%, 20% |
| CMY | 0.7020, 0.0000, 0.8000 |
| CMYK | 0.70, 0.00, 0.80, 0.00 |
| HSL | 113°, 100%, 60% |
| HSV | 113°, 80%, 100% |
| XYZ | 39.3380, 73.2955, 15.2061 |
| YIQ | 178.2230, -41.2000, -101.3920 |

Conversions

Conversions Part 2

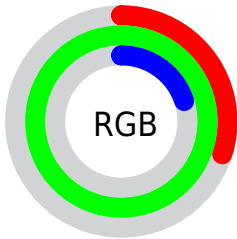
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 255, 230 |
| Decimal | 5046067 |
| CIELab | 88.59, -78.20, 76.56 |
| CIElCh | 89, 109.436, 135.606 |
| Yxy | 73.2955, 0.3077, 0.5733 |
| Android (android.graphics.Color) | 4283236147 (0xFF4CFF33) |
| YUV | 178.2230, -62.7209, -89.6496 |
| Hunter-Lab | 85.6128, -67.8039, 49.3982 |

Details

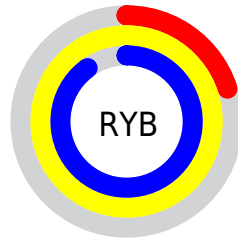
The XYZ color **39.3380, 73.2955, 15.2061** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **51.8707, 26.4132, 96.9721**, and the grayscale version is **42.7732, 45.0007, 49.0058**.

A 20% lighter version of the original color is **51.0100, 79.0308, 28.4856**, and **19.9663, 39.9325, 6.6554** is the 20% darker color. If you saturate the color by 10%, you get **37.4422, 72.3663, 12.9435**, and if you desaturate by 10%, it is **42.1600, 74.6665, 19.1208**.

Distribution



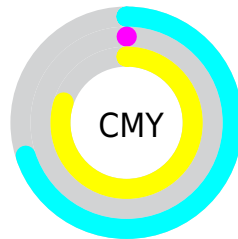
- Red (30%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (70%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3380, 73.2955, 15.2061 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 39.3380, 73.2955, 15.2061 by changing the saturation by 10% instead.


 39.3380, 73.2955,
15.2061


 39.3380, 73.2955,
15.2061


334.5079,
472.0383, 236.2939


 27.2047, 54.2176,
8.8159


 73.4452, 123.8966,
35.9617

 17.8644, 38.7757,
4.5261


 96.1497, 156.1887,
51.1643


 10.9518, 26.5853,
1.9182


 123.1087,
193.6542, 70.1414

 6.1015, 17.2620,
0.5043

 154.6875,
236.6776, 93.3116

 2.9481, 10.4215,
0.0000

 191.2514,
285.6434, 121.0934

 1.1264, 5.6793,
0.0000

233.1659,

 0.0470, 2.6511,

340.9358, 153.9053

0.0000

280.7963,
402.9393, 192.1660

■ 0.0000, 0.9524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3380, 73.2955,
15.2061

■ 39.3380, 73.2955,
15.2061

■ 37.4422, 72.3663,
12.9435

■ 42.1600, 74.6665,
19.1208

■ 36.3326, 71.8152,
11.9471

■ 46.0092, 76.5266,
24.9191

■ 36.3323, 71.8150,
11.9468

■ 50.9740, 78.9167,
32.7992

■ 57.1327, 81.8737,
42.9333

■ 64.5568, 85.4311,
55.4758

■ 73.3117, 89.6194,
70.5673

■ 83.4586, 94.4675,
88.3379

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



56.8888, 73.2955, 5.7243



39.3380, 73.2955, 15.2061



31.1728, 73.2955, 48.8614

Triad

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



39.3380, 73.2955, 15.2061



57.7988, 73.2955, 319.4839



130.8439, 73.2955, 46.7528

Complementary

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



39.3380, 73.2955, 15.2061



51.8707, 26.4132, 96.9721

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.



131.2670, 73.2955, 121.6499



39.3380, 73.2955, 15.2061



84.2242, 73.2955, 317.4834

Square

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



39.3380, 73.2955, 15.2061



39.8585, 73.2955, 235.1580



112.5686, 73.2955, 230.7212



111.5273, 73.2955, 14.4981

Rectangle

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



39.3380, 73.2955, 15.2061



30.3896, 73.2955, 94.8575



112.5686, 73.2955, 230.7212



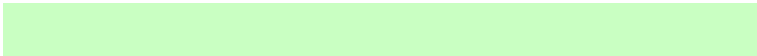
133.3373, 73.2955, 66.4379

Sweetspot

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



39.3382, 73.2956, 15.2072



69.6425, 87.8648, 64.2103



69.5265, 76.8767, 14.3074



14.2470, 18.4912, 12.6087



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.



39.3382, 73.2956, 15.2072



36.6983, 71.9973, 12.2556



40.8791, 73.7254, 31.7491



17.9783, 20.2747, 19.1102



19.0486, 37.5580, 6.2455



1.9171, 3.6891, 0.6110

Inverse Universe

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



51.8707, 26.4132, 96.9721



49.2154, 23.4507, 96.5402



50.6832, 26.9321, 45.8160



18.5608, 18.1808, 22.7809



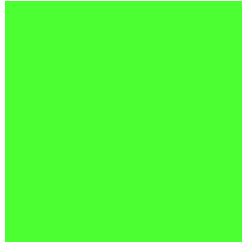
25.5419, 12.0778, 50.4196



2.5459, 1.2064, 4.9119

Previews

White Background



This preview shows how the XYZ color 39.3380, 73.2955, 15.2061 looks on a white background.

Color Contrast Check

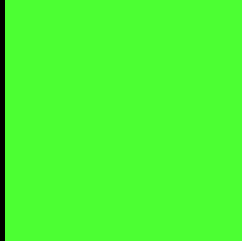
Large Text (above 18pt) WCAG AA × Fail

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 39.3380, 73.2955, 15.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

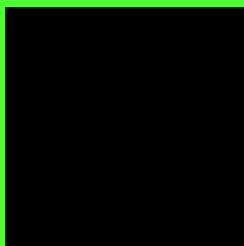
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3380, 73.2955, 15.2061

Background



This preview shows how black text looks on a background with the XYZ color 39.3380, 73.2955, 15.2061.

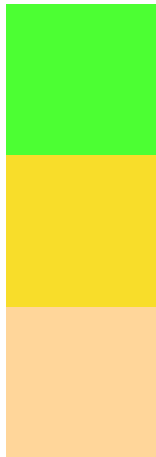


This preview shows how white text looks on a background with the XYZ color 39.3380, 73.2955,

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

39.3380, 73.2955, 15.2061

Protanopia

64.9858, 71.8365, 12.6312

Deuteranopia

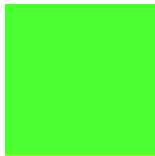
71.1193, 71.6862, 40.6603



Tritanopia

58.0071, 72.7749, 105.5974

Trichromacy



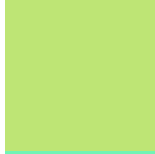
Original Color

39.3380, 73.2955, 15.2061



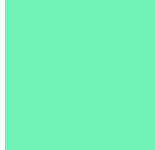
Protanomaly

49.6202, 68.7816, 13.1435



Deuteranomaly

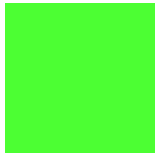
52.4654, 68.2701, 27.2419



Tritanomaly

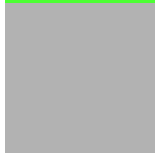
47.3733, 71.4823, 55.0167

Monochromacy



Original Color

39.3380, 73.2955, 15.2061



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

37.2207, 51.4713, 29.8030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3380, 73.2955, 15.2061 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(76, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(76, 255, 51)  
}
```

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(76, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 255, 51) }
```

Border

The CSS property to change the border of an element to XYZ 39.3380, 73.2955, 15.2061 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(76, 255, 51) }
```


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

```
.border{ border-color:rgb(76, 255, 51) }
```

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

Here you see how a box with a 4 pixel rgb(76, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(76, 255,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3380, 73.2955, 15.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 255, 51) }
```

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

```
.background{ background-color: rgb(76, 255,  
51) }
```

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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