

Converting Colors

XYZ(39.2232, 73.2363, 15.2007)

Have a look what the booklet for
XYZ(39.2232, 73.2363, 15.2007)
contains.

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Color

**XYZ(39.2592, 73.2549,
15.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFF33
RGB	75, 255, 51
RGB Percent	29%, 100%, 20%
CMY	0.7059, 0.0000, 0.8000
CMYK	0.71, 0.00, 0.80, 0.00
HSL	113°, 100%, 60%
HSV	113°, 80%, 100%
XYZ	39.2592, 73.2549, 15.2024
YIQ	177.9240, -41.7960, -101.6040

Conversions

Conversions Part 2

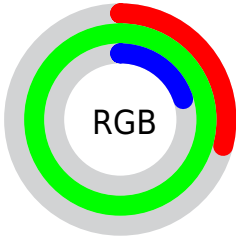
Format	Color
RYB	51, 255, 231
Decimal	4980531
CIELab	88.57, -78.36, 76.54
CIElCh	89, 109.537, 135.676
Yxy	73.2549, 0.3074, 0.5736
Android (android.graphics.Color)	4283170611 (0xFF4BFF33)
YUV	177.9240, -62.5735, -90.2643
Hunter-Lab	85.5891, -67.9040, 49.3812

Details

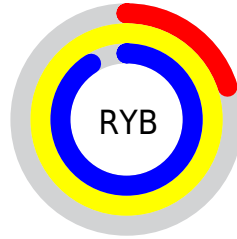
The XYZ color **39.2592, 73.2549, 15.2024** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **52.1924, 26.5791, 96.9872**, and the grayscale version is **42.6137, 44.8330, 48.8231**.

A 20% lighter version of the original color is **50.8299, 78.9379, 28.4771**, and **19.9663, 39.9325, 6.6554** is the 20% darker color. If you saturate the color by 10%, you get **37.3830, 72.3358, 12.9407**, and if you desaturate by 10%, it is **42.0656, 74.6179, 19.1164**.

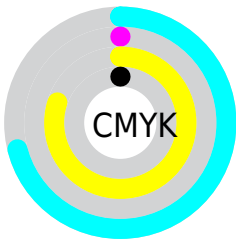
Distribution



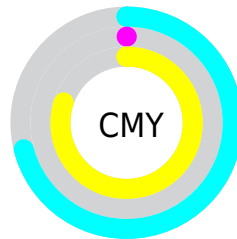
- Red (29%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (91%)



- Cyan (71%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (71%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2592, 73.2549, 15.2024 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 39.2592, 73.2549, 15.2024 by changing the saturation by 10% instead.


 39.2592, 73.2549,
15.2024


 39.2592, 73.2549,
15.2024


334.1795,
471.8978, 236.2709


 27.1431, 54.1844,
8.8134


 73.3257, 123.8390,
35.9552

 17.8178, 38.7491,
4.5245


 96.0067, 156.1214,
51.1560


 10.9182, 26.5646,
1.9173


 122.9401,
193.5766, 70.1311

 6.0787, 17.2465,
0.5037

 154.4911,
236.5889, 93.2992

 2.9341, 10.4104,
0.0000

 191.0252,
285.5428, 121.0786

 1.1190, 5.6719,
0.0000

232.9078,

 0.0409, 2.6466,

340.8227, 153.8880

0.0000

280.5041,
402.8129, 192.1459

■ 0.0000, 0.9502,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.2592, 73.2549,
15.2024

■ 39.2592, 73.2549,
15.2024

■ 37.3830, 72.3358,
12.9407

■ 42.0656, 74.6179,
19.1164

■ 36.2954, 71.7960,
11.9453

■ 45.9048, 76.4727,
24.9142

■ 36.2951, 71.7959,
11.9450

■ 50.8660, 78.8610,
32.7941

■ 57.0285, 81.8200,
42.9284

■ 64.4646, 85.3835,
55.4714

■ 73.2405, 89.5827,
70.5639

■ 83.4179, 94.4465,
88.3359

■ 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.



56.7919, 73.2549, 5.7027



39.2592, 73.2549, 15.2024



31.1147, 73.2549, 48.9295

Triad

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



39.2592, 73.2549, 15.2024



57.8075, 73.2549, 319.8113



130.8284, 73.2549, 46.5771

Complementary

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



39.2592, 73.2549, 15.2024



52.1924, 26.5791, 96.9872

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.



131.3008, 73.2549, 121.4079



39.2592, 73.2549, 15.2024



84.2624, 73.2549, 317.5767

Square

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



39.2592, 73.2549, 15.2024



39.8398, 73.2549, 235.5195



112.6212, 73.2549, 230.5645



111.4587, 73.2549, 14.4135

Rectangle

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



39.2592, 73.2549, 15.2024



30.3441, 73.2549, 95.0210



112.6212, 73.2549, 230.5645



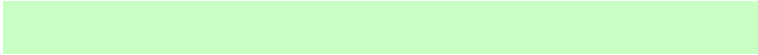
133.3403, 73.2549, 66.2311

Sweetspot

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



39.2594, 73.2550, 15.2035



69.5618, 87.8232, 64.2065



69.5265, 76.8766, 14.3073



14.2282, 18.4815, 12.6078



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.



39.2594, 73.2550, 15.2035



36.6522, 71.9735, 12.2534



40.8791, 73.7254, 31.7490



17.9699, 20.2704, 19.1098



19.0272, 37.5470, 6.2445



1.9132, 3.6870, 0.6108

Inverse Universe

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



52.1924, 26.5791, 96.9872



49.5908, 23.6442, 96.5578



50.6832, 26.9321, 45.8160



18.5700, 18.1856, 22.7814



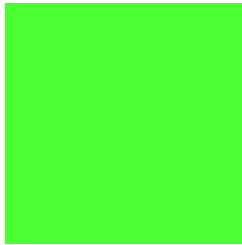
25.7418, 12.1809, 50.4290



2.5634, 1.2154, 4.9128

Previews

White Background



This preview shows how the XYZ color 39.2592, 73.2549, 15.2024 looks on a white background.

Color Contrast Check

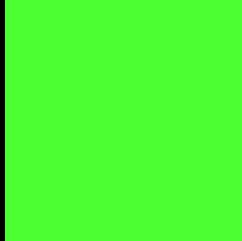
Large Text (above 18pt) WCAG AA × Fail

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 39.2592, 73.2549, 15.2024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

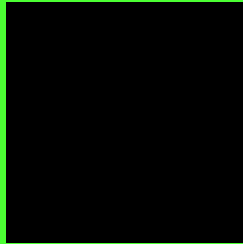
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2592, 73.2549, 15.2024

Background



This preview shows how black text looks on a background with the XYZ color 39.2592, 73.2549, 15.2024.

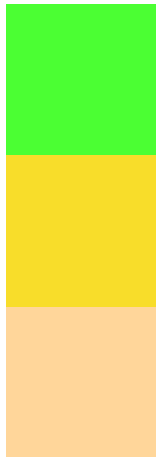


This preview shows how white text looks on a background with the XYZ color 39.2592, 73.2549,

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

39.2592, 73.2549, 15.2024

Protanopia

64.9858, 71.8365, 12.6312

Deuteranopia

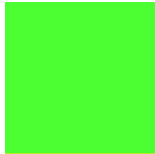
71.1193, 71.6862, 40.6603



Tritanopia

58.0071, 72.7749, 105.5974

Trichromacy



Original Color

39.2592, 73.2549, 15.2024



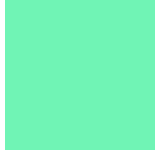
Protanomaly

49.6202, 68.7816, 13.1435



Deuteranomaly

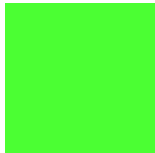
52.4654, 68.2701, 27.2419



Tritanomaly

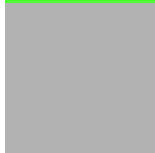
47.3733, 71.4823, 55.0167

Monochromacy



Original Color

39.2592, 73.2549, 15.2024



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 39.2592, 73.2549, 15.2024 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(75, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(75, 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(75, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 255, 51) }
```

Border

The CSS property to change the border of an element to XYZ 39.2592, 73.2549, 15.2024 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(75, 255, 51) }
```


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

```
.border{ border-color:rgb(75, 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(75, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(75, 255,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2592, 73.2549, 15.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 255, 51) }
```

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

```
.background{ background-color: rgb(75, 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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