

Converting Colors

XYZ(38.4235, 67.0281, 27.3154)

Have a look what the booklet for
XYZ(38.4235, 67.0281, 27.3154)
contains.

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Color

**XYZ(38.4274, 67.0244,
27.4347)**

Conversions

Conversions Part 1

Format	Color
Hex	4FF374
RGB	79, 243, 116
RGB Percent	31%, 95%, 45%
CMY	0.6902, 0.0470, 0.5451
CMYK	0.67, 0.00, 0.52, 0.05
HSL	134°, 87%, 63%
HSV	134°, 67%, 95%
XYZ	38.4274, 67.0244, 27.4347
YIQ	179.4860, -56.9770, -74.2650

Conversions

Conversions Part 2

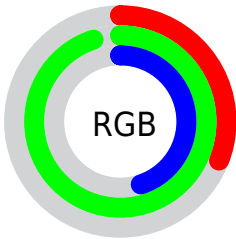
Format	Color
RYB	79, 213, 243
Decimal	5239668
CIELab	85.52, -67.85, 48.71
CIELCh	86, 83.524, 144.328
Yxy	67.0244, 0.2892, 0.5044
Android (android.graphics.Color)	4283429748 (0xFF4FF374)
YUV	179.4860, -31.2986, -88.1262
Hunter-Lab	81.8684, -59.4854, 37.4394

Details

The XYZ color **38.4274, 67.0244, 27.4347** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **50.9005, 29.1039, 61.3286**, and the grayscale version is **43.2925, 45.5471, 49.6008**.

A 20% lighter version of the original color is **54.8698, 80.5333, 50.6827**, and **18.2462, 35.0568, 10.5076** is the 20% darker color. If you saturate the color by 10%, you get **35.7775, 65.7741, 22.1648**, and if you desaturate by 10%, it is **42.0407, 68.7495, 33.9100**.

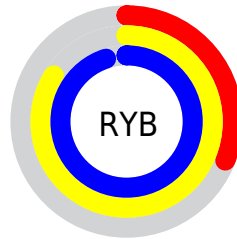
Distribution



Red (31%)

Green (95%)

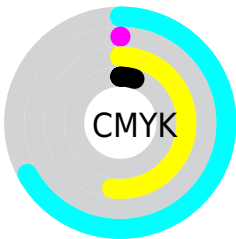
Blue (45%)



Red (31%)

Yellow (84%)

Blue (95%)

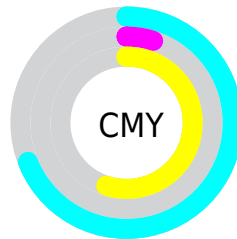


Cyan (67%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (69%)


Magenta (5%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4274, 67.0244, 27.4347 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 38.4274, 67.0244, 27.4347 by changing the saturation by 10% instead.

 38.4274, 67.0244,
27.4347


 38.4274, 67.0244,
27.4347


330.6991,
450.0316, 303.5822


 26.4933, 49.1045,
17.6646


 72.0624, 114.9554,
56.5928


 17.3277, 34.7023,
10.5425


 94.4941, 145.7352,
76.8180

 10.5651, 23.4337,
5.6499


 121.1556,
181.5704, 101.3653

 5.8404, 14.9141,
2.5680

 152.4124,
222.8455, 130.6532

 2.7880, 8.7591,
0.8759

188.6298,
269.9447, 165.1003

 1.0427, 4.5844,
0.0000

230.1731,

 0.0000, 2.0055,

323.2526, 205.1252

0.0000

277.4078,
383.1534, 251.1463

0.0000, 0.6107,
0.0000

0.0000, 0.0000,
0.0000

38.4274, 67.0244,
27.4347

38.4274, 67.0244,
27.4347

35.7775, 65.7741,
22.1648

42.0407, 68.7495,
33.9100

33.9875, 64.9412,
18.0207


46.6970, 70.9833,
41.6545


32.9320, 64.4647,
14.9201

52.4729, 73.7659,
50.7328

32.7373, 64.3780,
14.2934

59.4366, 77.1313,
61.2040

 67.6504, 81.1103,
73.1235

 77.1724, 85.7320,
86.5435

 88.0571, 91.0231,
101.5140

 91.3419, 92.5838,
107.6640

Harmonies

Analogous

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



49.8273, 67.0244, 13.1745



38.4274, 67.0244, 27.4347



33.8620, 67.0244, 63.1314

Triad

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



38.4274, 67.0244, 27.4347



60.1667, 67.0244, 234.1264



103.0622, 67.0244, 37.8452

Complementary

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



38.4274, 67.0244, 27.4347



50.9005, 29.1039, 61.3286

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.



107.3380, 67.0244, 83.7991



38.4274, 67.0244, 27.4347



79.9455, 67.0244, 215.5723

Square

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



38.4274, 67.0244, 27.4347



44.7115, 67.0244, 195.0046



98.1727, 67.0244, 152.4300



87.4337, 67.0244, 16.7558

Rectangle

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



38.4274, 67.0244, 27.4347



34.4932, 67.0244, 102.0061



98.1727, 67.0244, 152.4300



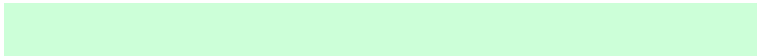
105.9899, 67.0244, 50.0567

Sweetspot

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



38.4290, 67.0272, 27.4362



72.9928, 89.2898, 78.0193



59.3270, 78.0016, 19.3263



15.0620, 18.8396, 15.8871



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.



38.4290, 67.0272, 27.4362



39.0682, 72.9865, 22.8675



45.3015, 69.7761, 63.6260



16.4353, 18.5333, 18.3107



18.0084, 35.3482, 8.0642



1.6202, 3.1217, 0.9058

Inverse Universe

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



50.9005, 29.1039, 61.3286



53.7497, 27.9846, 62.5003



43.4914, 26.1403, 22.3127



17.0443, 16.7006, 19.9797



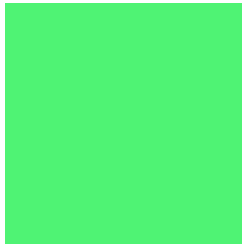
25.3317, 12.4761, 27.5190



2.2647, 1.1118, 2.6202

Previews

White Background



This preview shows how the XYZ color 38.4274, 67.0244, 27.4347 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 38.4274, 67.0244, 27.4347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

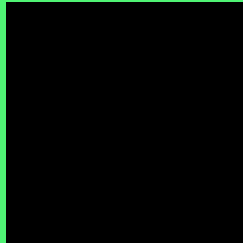
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4274, 67.0244, 27.4347

Background



This preview shows how black text looks on a background with the XYZ color 38.4274, 67.0244, 27.4347.

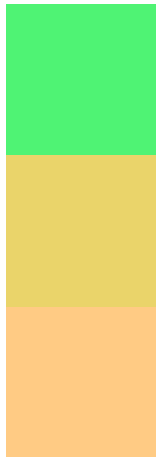


This preview shows how white text looks on a background with the XYZ color 38.4274, 67.0244,

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

38.4274, 67.0244, 27.4347

Protanopia

60.0767, 65.6200, 23.1352

Deuteranopia

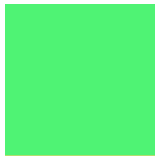
66.7608, 65.6378, 30.9805



Tritanopia

52.4156, 66.6760, 98.1028

Trichromacy



Original Color

38.4274, 67.0244, 27.4347



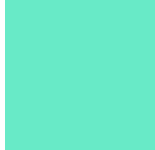
Protanomaly

47.5622, 63.3661, 24.4759



Deuteranomaly

50.3232, 62.7255, 29.1936



Tritanomaly

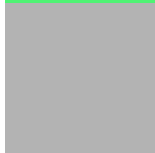
45.4405, 65.9122, 64.3602

Monochromacy



Original Color

38.4274, 67.0244, 27.4347



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

38.4490, 50.4810, 39.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4274, 67.0244, 27.4347 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(79, 243, 116)` looks like.

```
.text, #text, p{  
    color:rgb(79, 243, 116)  
}
```

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(79, 243, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 243, 116) }
```

Border

The CSS property to change the border of an element to XYZ 38.4274, 67.0244, 27.4347 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(79, 243, 116) }
```


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

```
.border{ border-color:rgb(79, 243, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 243, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 243, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 243, 116);  
box-shadow:4px 4px 4px 4px rgb(79, 243,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4274, 67.0244, 27.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 243, 116) }
```

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

```
.background{ background-color: rgb(79, 243,  
116) }
```

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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