

Converting Colors

XYZ(38.3093, 61.0477, 27.4115)

Have a look what the booklet for
XYZ(38.3093, 61.0477, 27.4115)
contains.

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Color

**XYZ(38.2195, 60.9054,
27.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	71E578
RGB	113, 229, 120
RGB Percent	44%, 90%, 47%
CMY	0.5569, 0.1019, 0.5294
CMYK	0.51, 0.00, 0.48, 0.10
HSL	124°, 69%, 67%
HSV	124°, 51%, 90%
XYZ	38.2195, 60.9054, 27.5108
YIQ	181.8900, -34.1470, -58.4910

Conversions

Conversions Part 2

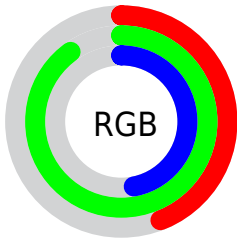
Format	Color
RYB	113, 222, 229
Decimal	7464312
CIELab	82.33, -54.78, 43.09
CIElCh	82, 69.696, 141.808
Yxy	60.9054, 0.3018, 0.4809
Android (android.graphics.Color)	4285654392 (0xFF71E578)
YUV	181.8900, -30.5118, -60.4165
Hunter-Lab	78.0419, -49.1565, 33.7288

Details

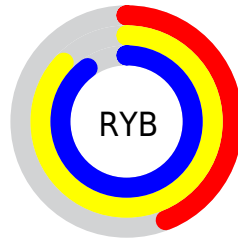
The XYZ color **38.2195, 60.9054, 27.5108** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **51.4048, 33.7432, 72.9126**, and the grayscale version is **44.5790, 46.9005, 51.0747**.

A 20% lighter version of the original color is **60.4132, 83.3466, 52.9478**, and **17.1113, 30.6005, 10.4735** is the 20% darker color. If you saturate the color by 10%, you get **34.4743, 59.1108, 21.2682**, and if you desaturate by 10%, it is **43.0044, 63.2057, 35.3364**.

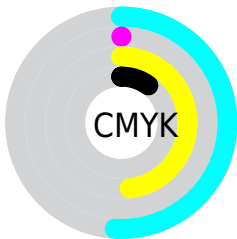
Distribution



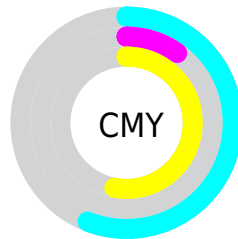
- Red (44%)
- Green (90%)
- Blue (47%)



- Red (44%)
- Yellow (87%)
- Blue (90%)



- Cyan (51%)
- Magenta (0%)
- Yellow (48%)
- Black (10%)



- Cyan (56%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2195, 60.9054, 27.5108 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 38.2195, 60.9054, 27.5108 by changing the saturation by 10% instead.

■ 38.2195, 60.9054,
27.5108

■ 38.2195, 60.9054,
27.5108

329.8252,
427.9271, 303.9599

■ 26.3311, 44.1488,
17.7214

■ 71.7462, 106.1420,
56.7161

■ 17.2055, 30.7875,
10.5828

■ 94.1152, 135.3907,
76.9691

■ 10.4773, 20.4371,
5.6764

■ 120.7084,
169.5723, 101.5471

■ 5.7812, 12.7132,
2.5838

151.8911,
209.0712, 130.8685

■ 2.7519, 7.2313,
0.8840

188.0289,
254.2717, 165.3520

■ 1.0240, 3.6072,
0.0000

229.4869,

■ 0.0000, 1.4564,

305.5583, 205.4160

0.0000

276.6306,
363.3153, 251.4791

■ 0.0000, 0.2577,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.2195, 60.9054,
27.5108

■ 38.2195, 60.9054,
27.5108

■ 34.4743, 59.1108,
21.2682

■ 43.0044, 63.2057,
35.3364

■ 31.6874, 57.7768,
16.4969


■ 48.8937, 66.0375,
44.8383


■ 29.7725, 56.8633,
13.0776

■ 55.9519, 69.4340,
56.1074


■ 28.6260, 56.3200,
10.8702

■ 64.2376, 73.4236,
69.2271

 28.0986, 56.0723,
9.7513

 73.8052, 78.0327,
84.2752

 84.7059, 83.2862,
101.3253

 87.3105, 84.5211,
106.3202

Harmonies

Analogous

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



47.9144, 60.9054, 15.6762



38.2195, 60.9054, 27.5108



33.9731, 60.9054, 55.3307

Triad

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



38.2195, 60.9054, 27.5108



53.9140, 60.9054, 184.6793



88.6574, 60.9054, 40.3356

Complementary

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



38.2195, 60.9054, 27.5108



51.4048, 33.7432, 72.9126

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.



91.0061, 60.9054, 78.6659



38.2195, 60.9054, 27.5108



69.1594, 60.9054, 174.9224

Square

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



38.2195, 60.9054, 27.5108



41.9657, 60.9054, 153.6036



83.3598, 60.9054, 130.8291



77.4025, 60.9054, 20.5672

Rectangle

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



38.2195, 60.9054, 27.5108



34.1929, 60.9054, 84.4996



83.3598, 60.9054, 130.8291



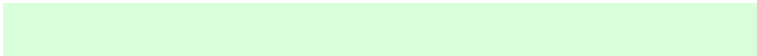
90.5837, 60.9054, 50.9476

Sweetspot

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



38.2210, 60.9079, 27.5122



77.0949, 91.3510, 80.6276



61.4956, 72.9538, 26.4633



16.0252, 19.3236, 16.5032



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.



38.2210, 60.9079, 27.5122



43.7066, 75.2987, 26.6532



42.7468, 62.7183, 51.3448



14.2244, 16.1032, 15.4466



16.0792, 32.0638, 5.6513



1.2007, 2.3744, 0.4834

Inverse Universe

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



51.4048, 33.7432, 72.9126



62.3195, 36.8991, 90.7135



45.0297, 31.1931, 39.3415



14.9556, 14.5994, 17.9664



25.5174, 12.3412, 37.9490



1.8971, 0.9166, 2.8648

Previews

White Background



This preview shows how the XYZ color 38.2195, 60.9054, 27.5108 looks on a white background.

Color Contrast Check

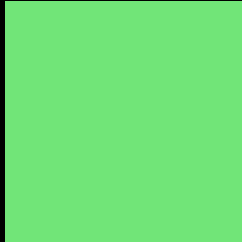
Large Text (above 18pt) WCAG AA × Fail

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 38.2195, 60.9054, 27.5108 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 38.2195, 60.9054, 27.5108

Background



This preview shows how black text looks on a background with the XYZ color 38.2195, 60.9054, 27.5108.



This preview shows how white text looks on a background with the XYZ color 38.2195, 60.9054,

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

38.2195, 60.9054, 27.5108

Protanopia

55.2026, 60.1807, 23.7455

Deuteranopia

60.8443, 59.5546, 28.7104



Tritanopia

49.8884, 60.4555, 86.8816

Trichromacy



Original Color

38.2195, 60.9054, 27.5108



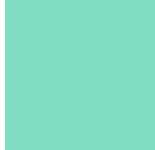
Protanomaly

46.5987, 58.9938, 24.8505



Deuteranomaly

49.0405, 57.9766, 28.0079



Tritanomaly

44.5354, 60.2303, 59.7304

Monochromacy



Original Color

38.2195, 60.9054, 27.5108



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

40.5861, 50.5181, 40.4128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2195, 60.9054, 27.5108 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(113, 229, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 229, 120)  
}
```

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(113, 229, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 229, 120) }
```

Border

The CSS property to change the border of an element to XYZ 38.2195, 60.9054, 27.5108 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(113, 229, 120) }
```


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

```
.border{ border-color:rgb(113, 229, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 229, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 229, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 229, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 229,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2195, 60.9054, 27.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 229, 120) }
```

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

```
.background{ background-color: rgb(113,  
229, 120) }
```

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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