

Converting Colors

XYZ(35.0292, 60.0712, 19.9273)

Have a look what the booklet for
XYZ(35.0292, 60.0712, 19.9273)
contains.

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Color

**XYZ(35.1238, 60.3042,
19.9139)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE75C
RGB	94, 231, 92
RGB Percent	37%, 91%, 36%
CMY	0.6314, 0.0941, 0.6392
CMYK	0.59, 0.00, 0.60, 0.09
HSL	119°, 74%, 63%
HSV	119°, 60%, 91%
XYZ	35.1238, 60.3042, 19.9139
YIQ	174.1910, -37.0330, -72.2730

Conversions

Conversions Part 2

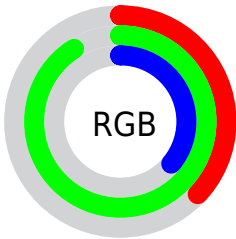
Format	Color
RYB	92, 231, 229
Decimal	6219612
CIELab	82.00, -63.62, 55.45
CIELCh	82, 84.393, 138.929
Yxy	60.3042, 0.3045, 0.5228
Android (android.graphics.Color)	4284409692 (0xFF5EE75C)
YUV	174.1910, -40.5202, -70.3275
Hunter-Lab	77.6558, -55.1619, 39.1548

Details

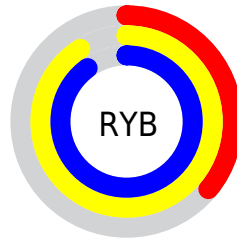
The XYZ color **35.1238, 60.3042, 19.9139** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **50.5674, 30.0840, 78.7460**, and the grayscale version is **40.5472, 42.6589, 46.4555**.

A 20% lighter version of the original color is **54.6586, 80.6632, 39.8829**, and **15.4545, 30.3995, 6.7222** is the 20% darker color. If you saturate the color by 10%, you get **32.2639, 58.9311, 15.2889**, and if you desaturate by 10%, it is **38.9828, 62.1604, 26.1948**.

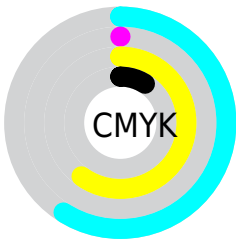
Distribution



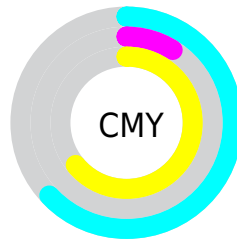
- Red (37%)
- Green (91%)
- Blue (36%)



- Red (36%)
- Yellow (91%)
- Blue (90%)



- Cyan (59%)
- Magenta (0%)
- Yellow (60%)
- Black (9%)



- Cyan (63%)
- Magenta (9%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1238, 60.3042, 19.9139 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 35.1238, 60.3042, 19.9139 by changing the saturation by 10% instead.

35.1238, 60.3042,
19.9139

35.1238, 60.3042,
19.9139

316.6129,
425.7181, 264.0374

23.9252, 43.6639,
12.1490

67.0103, 105.2708,
44.1299

15.4026, 30.4063,
6.7215

88.4289, 134.3659,
61.4180

9.1906, 20.1472,
3.2127

113.9848,
168.3814, 82.7177

4.9238, 12.5021,
1.2043

144.0436,
207.7016, 108.4474

2.2369, 7.0866,
0.0000

178.9704,
252.7110, 139.0257

0.7621, 3.5163,
0.0000

219.1306,

0.0000, 1.4069,

303.7940, 174.8711

0.0000

264.8897,
361.3349, 216.4021

■ 0.0000, 0.2218,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.1238, 60.3042,
19.9139

■ 35.1238, 60.3042,
19.9139

■ 32.2639, 58.9311,
15.2889

■ 38.9828, 62.1604,
26.1948

■ 30.3073, 57.9896,
12.1603


■ 43.9170, 64.5305,
34.2636

■ 29.1471, 57.4305,
10.3441


■ 49.9998, 67.4518,
44.2439


■ 28.6186, 57.1756,
9.5276

■ 57.2972, 70.9556,
56.2467

 65.8702, 75.0713,
70.3750

 75.7755, 79.8260,
86.7246

 87.0665, 85.2454,
105.3854

 87.8671, 85.6342,
106.5057

Harmonies

Analogous

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



46.8800, 60.3042, 9.6411



35.1238, 60.3042, 19.9139



29.7820, 60.3042, 48.5233

Triad

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



35.1238, 60.3042, 19.9139



50.9707, 60.3042, 217.2713



96.3396, 60.3042, 38.6372

Complementary

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



35.1238, 60.3042, 19.9139



50.5674, 30.0840, 78.7460

Split Complementary

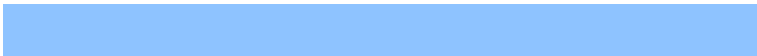
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.0725, 60.3042, 86.4224



35.1238, 60.3042, 19.9139



69.1991, 60.3042, 209.6138

Square

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



35.1238, 60.3042, 19.9139



37.5807, 60.3042, 171.2652



87.3122, 60.3042, 153.8271



82.9785, 60.3042, 15.9127

Rectangle

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



35.1238, 60.3042, 19.9139



29.6381, 60.3042, 82.1459



87.3122, 60.3042, 153.8271



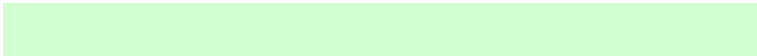
98.3918, 60.3042, 51.5437

Sweetspot

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



35.1253, 60.3067, 19.9153



73.7909, 89.7947, 73.8295



62.8213, 73.6283, 21.0268



15.1671, 18.9187, 14.7698



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.



35.1253, 60.3067, 19.9153



39.7371, 73.4374, 18.1092



39.2655, 61.9395, 42.7723



14.2084, 16.0990, 15.2630



16.0522, 32.0567, 5.3415



1.1930, 2.3724, 0.3950

Inverse Universe

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



50.5674, 30.0840, 78.7460



60.6051, 32.5407, 97.6945



43.4685, 27.3185, 38.0192



14.9736, 14.6041, 18.1740



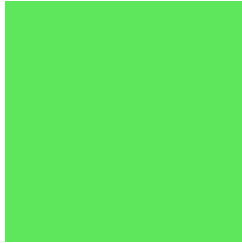
25.9762, 12.4571, 43.4185



1.9262, 0.9239, 3.2088

Previews

White Background



This preview shows how the XYZ color 35.1238, 60.3042, 19.9139 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 35.1238, 60.3042, 19.9139 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

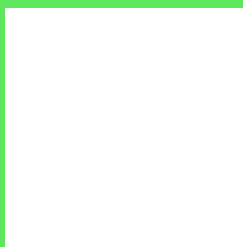
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1238, 60.3042, 19.9139

Background



This preview shows how black text looks on a background with the XYZ color 35.1238, 60.3042, 19.9139.



This preview shows how white text looks on a background with the XYZ color 35.1238, 60.3042,

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

35.1238, 60.3042, 19.9139

Protanopia

54.0075, 59.3595, 16.9985

Deuteranopia

60.5851, 59.2589, 21.0769



Tritanopia

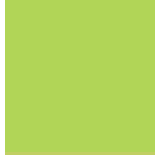
48.4165, 60.0782, 86.8863

Trichromacy



Original Color

35.1238, 60.3042, 19.9139



Protanomaly

43.6460, 57.6237, 17.8389



Deuteranomaly

46.5573, 56.8640, 20.3264



Tritanomaly

41.6350, 59.2648, 53.5008

Monochromacy



Original Color

35.1238, 60.3042, 19.9139



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

36.2262, 47.0636, 33.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1238, 60.3042, 19.9139 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(94, 231, 92)` looks like.

```
.text, #text, p{  
    color:rgb(94, 231, 92)  
}
```

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(94, 231, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 231, 92) }
```

Border

The CSS property to change the border of an element to XYZ 35.1238, 60.3042, 19.9139 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(94, 231, 92) }
```


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

```
.border{ border-color:rgb(94, 231, 92) }
```

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

Here you see how a box with a 4 pixel rgb(94, 231, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 231, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 231, 92);  
box-shadow:4px 4px 4px 4px rgb(94, 231,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1238, 60.3042, 19.9139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 231, 92) }
```

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

```
.background{ background-color: rgb(94, 231,  
92) }
```

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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