

Converting Colors

XYZ(35.3956, 58.6186, 27.8613)

Have a look what the booklet for
XYZ(35.3956, 58.6186, 27.8613)
contains.

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Color

**XYZ(35.3956, 58.6186,
27.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE37A
RGB	92, 227, 122
RGB Percent	36%, 89%, 48%
CMY	0.6392, 0.1098, 0.5216
CMYK	0.59, 0.00, 0.46, 0.11
HSL	133°, 71%, 63%
HSV	133°, 59%, 89%
XYZ	35.3956, 58.6186, 27.8613
YIQ	174.6650, -46.7550, -61.2750

Conversions

Conversions Part 2

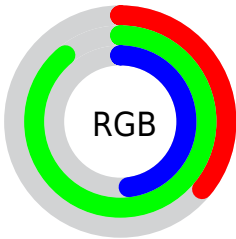
Format	Color
RYB	92, 202, 227
Decimal	6087546
CIELab	81.08, -58.73, 40.41
CIELCh	81, 71.287, 145.469
Yxy	58.6186, 0.2904, 0.4810
Android (android.graphics.Color)	4284277626 (0xFF5CE37A)
YUV	174.6650, -25.9638, -72.4972
Hunter-Lab	76.5628, -51.4629, 32.0182

Details

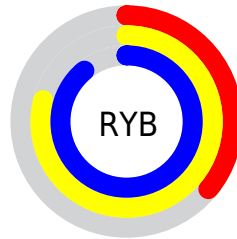
The XYZ color **35.3956, 58.6186, 27.8613** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **45.5856, 28.0176, 55.8307**, and the grayscale version is **40.7229, 42.8437, 46.6567**.

A 20% lighter version of the original color is **56.7333, 81.4269, 53.8011**, and **15.5121, 29.2044, 10.7807** is the 20% darker color. If you saturate the color by 10%, you get **32.4623, 57.2232, 22.5235**, and if you desaturate by 10%, it is **39.2098, 60.4485, 34.2803**.

Distribution



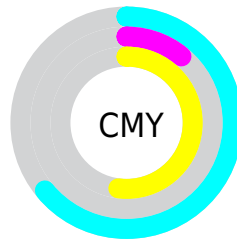
- Red (36%)
- Green (89%)
- Blue (48%)



- Red (36%)
- Yellow (79%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3956, 58.6186, 27.8613 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 35.3956, 58.6186, 27.8613 by changing the saturation by 10% instead.


 35.3956, 58.6186,
27.8613


 35.3956, 58.6186,
27.8613


317.7886,
419.4870, 305.6946


 24.1357, 42.3062,
17.9830


 67.4282, 102.8231,
57.2834


 15.5596, 29.3411,
10.7685


 88.9315, 131.4840,
77.6642

 9.3019, 19.3390,
5.7992


 114.5801,
165.0299, 102.3830

 4.9973, 11.9155,
2.6565

 144.7393,
203.8450, 131.8582

 2.2804, 6.6862,
0.9214

179.7743,
248.3140, 166.5084

 0.7846, 3.2666,
0.0000

220.0507,

 0.0000, 1.2725,

298.8210, 206.7522

0.0000

265.9336,
355.7506, 253.0081

■ 0.0000, 0.1197,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.3956, 58.6186,
27.8613

■ 35.3956, 58.6186,
27.8613

■ 32.4623, 57.2232,
22.5235

■ 39.2098, 60.4485,
34.2803

■ 30.3319, 56.2184,
18.2034


■ 43.9656, 62.7379,
41.8316


■ 28.9198, 55.5635,
14.8366


■ 49.7230, 65.5186,
50.5678


■ 28.0912, 55.1905,
12.3483


■ 56.5360, 68.8172,
60.5370

 28.0556, 55.1745,
12.2393

 64.4544, 72.6586,
71.7845

 73.5250, 77.0658,
84.3535

 83.7919, 82.0609,
98.2851

 86.7602, 83.4204,
106.1367

Harmonies

Analogous

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



44.3457, 58.6186, 14.8823



35.3956, 58.6186, 27.8613



31.8774, 58.6186, 57.5976

Triad

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



35.3956, 58.6186, 27.8613



53.4958, 58.6186, 184.5181



85.5790, 58.6186, 34.7884

Complementary

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



35.3956, 58.6186, 27.8613



45.5856, 28.0176, 55.8307

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.



89.1941, 58.6186, 70.4873



35.3956, 58.6186, 27.8613



68.8787, 58.6186, 169.3862

Square

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



35.3956, 58.6186, 27.8613



41.0829, 58.6186, 157.3347



82.6191, 58.6186, 122.1099



73.4649, 58.6186, 17.4588

Rectangle

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



35.3956, 58.6186, 27.8613



32.5314, 58.6186, 88.1400



82.6191, 58.6186, 122.1099



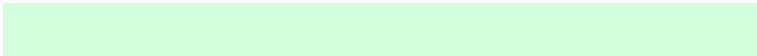
87.9105, 58.6186, 44.4526

Sweetspot

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



35.3971, 58.6210, 27.8626



74.9085, 90.2202, 80.6913



52.6259, 67.6854, 20.4166



15.4341, 19.0203, 16.4073



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.



35.3971, 58.6210, 27.8626



41.6279, 74.1930, 28.1011



41.0426, 60.8792, 57.5916



14.3198, 16.1414, 15.9489



16.3974, 32.1911, 7.3272



1.2462, 2.3926, 0.7230

Inverse Universe

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



45.5856, 28.0176, 55.8307



55.9212, 31.0452, 67.1776



39.5534, 25.6047, 24.0656



14.8508, 14.5575, 17.4148



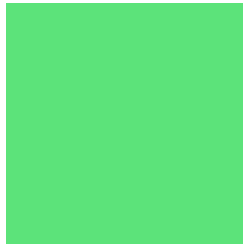
23.1230, 11.3834, 25.3407



1.7426, 0.8547, 2.0510

Previews

White Background



This preview shows how the XYZ color 35.3956, 58.6186, 27.8613 looks on a white background.

Color Contrast Check

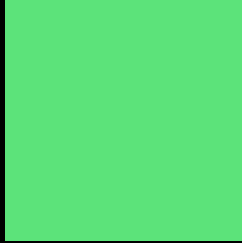
Large Text (above 18pt) WCAG AA × Fail

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 35.3956, 58.6186, 27.8613 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 35.3956, 58.6186, 27.8613

Background



This preview shows how black text looks on a background with the XYZ color 35.3956, 58.6186, 27.8613.

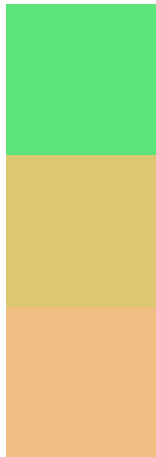


This preview shows how white text looks on a background with the XYZ color 35.3956, 58.6186,

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

35.3956, 58.6186, 27.8613

Protanopia

52.7923, 57.5385, 23.6528

Deuteranopia

58.6627, 57.4256, 29.4651



Tritanopia

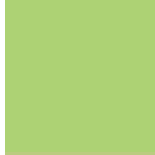
46.8920, 58.5646, 85.1766

Trichromacy



Original Color

35.3956, 58.6186, 27.8613



Protanomaly

43.4326, 56.2384, 25.0890



Deuteranomaly

45.7388, 55.1833, 28.6628



Tritanomaly

41.4015, 57.8483, 58.8529

Monochromacy



Original Color

35.3956, 58.6186, 27.8613



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

36.9696, 47.0036, 38.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3956, 58.6186, 27.8613 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(92, 227, 122)` looks like.

```
.text, #text, p{  
    color:rgb(92, 227, 122)  
}
```

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(92, 227, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 227, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.3956, 58.6186, 27.8613 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(92, 227, 122) }
```


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

```
.border{ border-color:rgb(92, 227, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 227, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 227, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 227, 122);  
box-shadow:4px 4px 4px 4px rgb(92, 227,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3956, 58.6186, 27.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 227, 122) }
```

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

```
.background{ background-color: rgb(92, 227,  
122) }
```

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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