

Converting Colors

XYZ(53.7563, 67.9205, 35.1844)

Have a look what the booklet for
XYZ(53.7563, 67.9205, 35.1844)
contains.

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Color

**XYZ(53.6886, 67.9080,
35.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE38C
RGB	191, 227, 140
RGB Percent	75%, 89%, 55%
CMY	0.2510, 0.1098, 0.4510
CMYK	0.16, 0.00, 0.38, 0.11
HSL	85°, 61%, 72%
HSV	85°, 38%, 89%
XYZ	53.6886, 67.9080, 35.0888
YIQ	206.3180, 6.4710, -34.6890

Conversions

Conversions Part 2

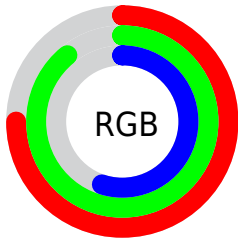
Format	Color
RYB	140, 227, 176
Decimal	12575628
CIELab	85.96, -26.17, 38.67
CIElCh	86, 46.695, 124.082
Yxy	67.9080, 0.3427, 0.4334
Android (android.graphics.Color)	4290765708 (0xFFBFE38C)
YUV	206.3180, -32.6948, -13.4339
Hunter-Lab	82.4063, -27.9164, 32.4386

Details

The XYZ color **53.6886, 67.9080, 35.0888** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **41.1504, 33.5342, 76.9807**, and the grayscale version is **59.0717, 62.1480, 67.6792**.

A 20% lighter version of the original color is **84.3217, 95.4166, 65.6028**, and **26.4777, 35.0646, 14.6051** is the 20% darker color. If you saturate the color by 10%, you get **49.8977, 66.1297, 27.0573**, and if you desaturate by 10%, it is **57.9798, 69.9085, 44.9488**.

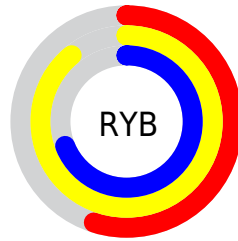
Distribution



Red (75%)

Green (89%)

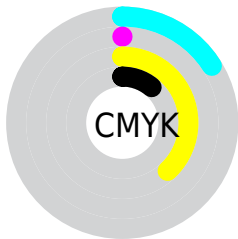
Blue (55%)



Red (55%)

Yellow (89%)

Blue (69%)

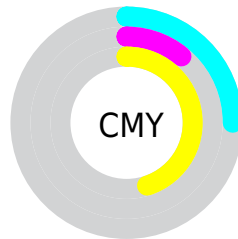


Cyan (16%)

Magenta (0%)

Yellow (38%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6886, 67.9080, 35.0888 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 53.6886, 67.9080, 35.0888 by changing the saturation by 10% instead.

■ 53.6886, 67.9080,
35.0888

■ 53.6886, 67.9080,
35.0888

391.1392,
453.1700, 339.8763

■ 38.5824, 49.8229,
23.4472

■ 94.7764, 116.2205,
68.7764

■ 26.6143, 35.2727,
14.7157

■ 121.4888,
147.2167, 91.6595

■ 17.4189, 23.8730,
8.4757

■ 152.8007,
183.2854, 119.1269

■ 10.6307, 15.2394,
4.3087

189.0773,
224.8110, 151.5970

■ 5.8846, 8.9876,
1.7962

230.6842,
272.1778, 189.4885

■ 2.8150, 4.7331,
0.4254

277.9865,

■ 1.0567, 2.0915,

325.7704, 233.2198

0.0000

331.3497,
385.9729, 283.2096

0.0000, 0.6599,
0.0000

0.0000, 0.0000,
0.0000

53.6886, 67.9080,
35.0888

53.6886, 67.9080,
35.0888

49.8977, 66.1297,
27.0573

57.9798, 69.9085,
44.9488

46.5778, 64.5547,
20.7371

62.7885, 72.1316,
56.7361

43.7039, 63.1749,
16.0045

68.1371, 74.5887,
70.5475

41.2461, 61.9781,
12.7170

74.0452, 77.2881,
86.4722

■ 39.1693, 60.9498,
10.7069

■ 80.5312, 80.2374,
104.5939

■ 37.4243, 60.0700,
9.7313

■ 84.0075, 82.0018,
106.0080

■ 37.1533, 59.9327,
9.6100

■ 86.7605, 83.4210,
106.1368

Harmonies

Analogous

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



63.0912, 67.9080, 29.3655



53.6886, 67.9080, 35.0888



47.7525, 67.9080, 51.0611

Triad

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



53.6886, 67.9080, 35.0888



55.9633, 67.9080, 140.6028



87.3172, 67.9080, 69.8253

Complementary

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



53.6886, 67.9080, 35.0888



41.1504, 33.5342, 76.9807

Split Complementary

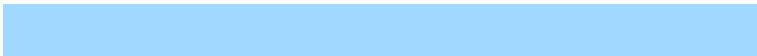
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8730, 67.9080, 102.7994



53.6886, 67.9080, 35.0888



66.0200, 67.9080, 149.6574

Square

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



53.6886, 67.9080, 35.0888



48.9604, 67.9080, 112.1160



76.7732, 67.9080, 134.2636



83.1276, 67.9080, 45.5936

Rectangle

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



53.6886, 67.9080, 35.0888



46.1674, 67.9080, 68.0298



76.7732, 67.9080, 134.2636



87.2469, 67.9080, 80.1835

Sweetspot

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



53.6903, 67.9110, 35.0903



86.7158, 96.1878, 86.6326



51.7058, 48.8088, 31.5078



18.3541, 20.4933, 18.0055



0.0000, 0.0000, 0.0000



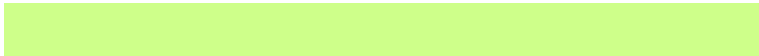
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6903, 67.9110, 35.0903



65.9064, 86.5336, 37.1601



44.5446, 63.1962, 34.6622



14.9948, 16.5044, 15.2998



21.8024, 35.0211, 5.6106



1.7162, 2.6421, 0.4195

Inverse Universe

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



41.1504, 33.5342, 76.9807



47.4043, 35.7805, 99.0156



52.2490, 39.2557, 77.5001



14.1450, 14.1770, 18.1352



10.9002, 4.6852, 42.7130



0.9090, 0.3996, 3.1612

Previews

White Background



This preview shows how the XYZ color 53.6886, 67.9080, 35.0888 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 53.6886, 67.9080, 35.0888 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

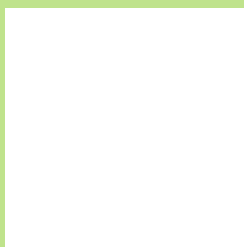
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6886, 67.9080, 35.0888

Background



This preview shows how black text looks on a background with the XYZ color 53.6886, 67.9080, 35.0888.



This preview shows how white text looks on a background with the XYZ color 53.6886, 67.9080,

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

53.6886, 67.9080, 35.0888

Protanopia

62.3514, 67.3348, 32.6323

Deuteranopia

68.7361, 67.5725, 37.8538



Tritanopia

64.1657, 67.8323, 86.8018

Trichromacy



Original Color

53.6886, 67.9080, 35.0888



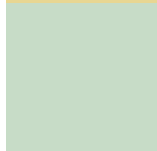
Protanomaly

58.7603, 67.3746, 33.5745



Deuteranomaly

62.5136, 67.3243, 36.8942



Tritanomaly

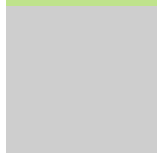
59.4552, 67.4520, 63.9188

Monochromacy



Original Color

53.6886, 67.9080, 35.0888



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.5775, 63.8880, 53.6056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6886, 67.9080, 35.0888 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(191, 227, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 140)  
}
```

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(191, 227, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.6886, 67.9080, 35.0888 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(191, 227, 140) }
```


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

```
.border{ border-color:rgb(191, 227, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 227, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6886, 67.9080, 35.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 140) }
```

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

```
.background{ background-color: rgb(191,  
227, 140) }
```

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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