

Converting Colors

XYZ(55.4598, 63.7195, 38.6375)

Have a look what the booklet for
XYZ(55.4598, 63.7195, 38.6375)
contains.

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Color

**XYZ(55.3646, 63.5929,
38.6348)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD697
RGB	207, 214, 151
RGB Percent	81%, 84%, 59%
CMY	0.1882, 0.1608, 0.4078
CMYK	0.03, 0.00, 0.29, 0.16
HSL	67°, 43%, 72%
HSV	67°, 29%, 84%
XYZ	55.3646, 63.5929, 38.6348
YIQ	204.7250, 16.0510, -21.0770

Conversions

Conversions Part 2

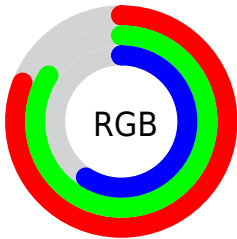
Format	Color
RYB	151, 214, 158
Decimal	13620887
CIELab	83.75, -12.40, 30.40
CIElCh	84, 32.828, 112.186
Yxy	63.5929, 0.3513, 0.4035
Android (android.graphics.Color)	4291810967 (0xFFCFD697)
YUV	204.7250, -26.4864, 1.9952
Hunter-Lab	79.7452, -15.6270, 27.0969

Details

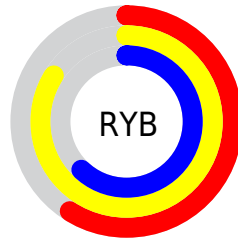
The XYZ color **55.3646, 63.5929, 38.6348** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3072, 34.2590, 68.2683**, and the grayscale version is **58.0108, 61.0318, 66.4637**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **27.5992, 32.3725, 16.5983** is the 20% darker color. If you saturate the color by 10%, you get **53.1228, 62.6222, 30.2666**, and if you desaturate by 10%, it is **57.9351, 64.7007, 48.6678**.

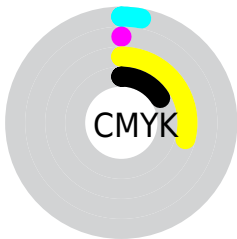
Distribution



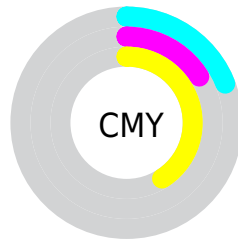
- Red (81%)
- Green (84%)
- Blue (59%)



- Red (59%)
- Yellow (84%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3646, 63.5929, 38.6348 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 55.3646, 63.5929, 38.6348 by changing the saturation by 10% instead.

■ 55.3646, 63.5929,
38.6348

■ 55.3646, 63.5929,
38.6348

397.4065,
437.7181, 355.7148

■ 39.9287, 46.3210,
26.1701

■ 97.2202, 110.0244,
74.2943

■ 27.6669, 32.4992,
16.7240

■ 124.3705,
139.9529, 98.3261

■ 18.2139, 21.7431,
9.8781

156.1564,
174.8690, 127.0508

■ 11.2043, 13.6683,
5.2136

192.9432,
215.1571, 160.8867

■ 6.2727, 7.8903,
2.3122

235.0963,
261.2017, 200.2526

■ 3.0538, 4.0248,
0.7381

282.9809,

■ 1.1823, 1.6875,

313.3871, 245.5669

0.0000

336.9626,
372.0978, 297.2481

■ 0.0923, 0.4155,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3646, 63.5929,
38.6348

■ 55.3646, 63.5929,
38.6348

■ 53.1228, 62.6222,
30.2666

■ 57.9351, 64.7007,
48.6678

■ 51.1879, 61.7731,
23.4690

■ 60.8454, 65.9434,
60.4446

■ 49.5426, 61.0411,
18.1451

■ 64.1119, 67.3297,
74.0442

■ 48.1662, 60.4177,
14.1851

■ 67.7485, 68.8652,
89.5395

■ 47.0348, 59.8935,
11.4644

■ 71.2805, 70.3601,
104.4317

■ 46.1205, 59.4573,
9.8353

■ 72.0012, 70.7316,
104.4654

■ 45.3757, 59.0900,
9.0484

■ 72.7320, 71.1083,
104.4996

■ 45.3358, 59.0702,
9.0122

■ 73.4733, 71.4904,
104.5343

■ 74.2248, 71.8779,
104.5695

Harmonies

Analogous

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



62.3450, 63.5929, 36.9208



55.3646, 63.5929, 38.6348



50.1525, 63.5929, 47.6668

Triad

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



55.3646, 63.5929, 38.6348



52.3463, 63.5929, 105.5254



75.2225, 63.5929, 74.7735

Complementary

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



55.3646, 63.5929, 38.6348



37.3072, 34.2590, 68.2683

Split Complementary

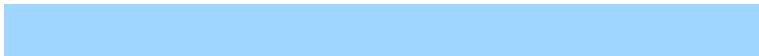
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0532, 63.5929, 96.5064



55.3646, 63.5929, 38.6348



58.5804, 63.5929, 116.4190

Square

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



55.3646, 63.5929, 38.6348



48.5087, 63.5929, 85.3190



65.8231, 63.5929, 112.8265



74.1901, 63.5929, 55.3230

Rectangle

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



55.3646, 63.5929, 38.6348



48.1975, 63.5929, 57.8066



65.8231, 63.5929, 112.8265



74.6050, 63.5929, 82.0937

Sweetspot

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



55.3662, 63.5957, 38.6361



90.6400, 98.1283, 90.5446



45.4274, 40.7478, 34.7499



19.2570, 20.9423, 18.7907



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.



55.3662, 63.5957, 38.6361



80.3029, 93.6903, 49.8079



47.5846, 59.5841, 38.2720



13.3305, 14.4466, 13.2466



27.4561, 35.7305, 5.4496



1.6957, 2.1755, 0.3305

Inverse Universe

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



37.3072, 34.2590, 68.2683



49.4716, 43.5937, 100.4147



44.1429, 37.7830, 68.5882



11.8695, 12.0741, 15.6425



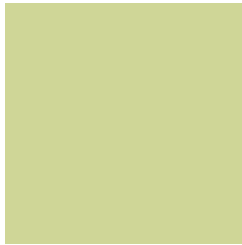
7.6049, 3.0730, 38.6455



0.5028, 0.2081, 2.3330

Previews

White Background



This preview shows how the XYZ color 55.3646, 63.5929, 38.6348 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 55.3646, 63.5929, 38.6348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

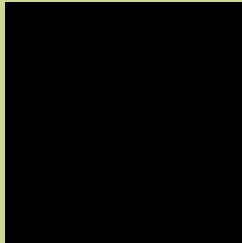
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

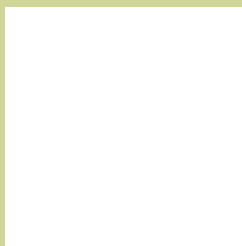
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3646, 63.5929, 38.6348

Background



This preview shows how black text looks on a background with the XYZ color 55.3646, 63.5929, 38.6348.



This preview shows how white text looks on a background with the XYZ color 55.3646, 63.5929,

38.6348.

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

55.3646, 63.5929, 38.6348

Protanopia

59.0320, 63.2892, 37.5385

Deuteranopia

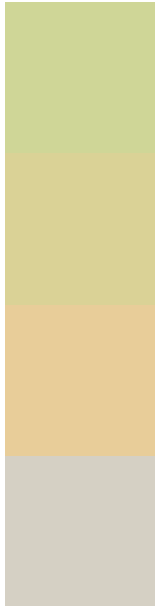
64.8448, 63.4158, 39.3946



Tritanopia

63.2014, 63.4820, 77.3288

Trichromacy



Original Color

55.3646, 63.5929, 38.6348

Protanomaly

57.4651, 63.2006, 38.0244

Deuteranomaly

60.8598, 63.1184, 39.1124

Tritanomaly

59.9603, 63.2434, 61.2715

Monochromacy



Original Color

55.3646, 63.5929, 38.6348

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.7664, 61.7363, 54.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3646, 63.5929, 38.6348 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(207, 214, 151)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 151)  
}
```

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(207, 214, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 151) }
```

Border

The CSS property to change the border of an element to XYZ 55.3646, 63.5929, 38.6348 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(207, 214, 151) }
```


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

```
.border{ border-color:rgb(207, 214, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 151);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3646, 63.5929, 38.6348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 151) }
```

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

```
.background{ background-color: rgb(207,  
214, 151) }
```

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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