

Converting Colors

XYZ(39.2425, 56.6553, 31.1683)

Have a look what the booklet for
XYZ(39.2425, 56.6553, 31.1683)
contains.

| | |
|--|----|
| XYZ(39.1998, 56.5534, 31.0402) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(39.1998, 56.5534,
31.0402)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 88D985 |
| RGB | 136, 217, 133 |
| RGB Percent | 53%, 85%, 52% |
| CMY | 0.4667, 0.1490, 0.4784 |
| CMYK | 0.37, 0.00, 0.39, 0.15 |
| HSL | 118°, 53%, 69% |
| HSV | 118°, 39%, 85% |
| XYZ | 39.1998, 56.5534, 31.0402 |
| YIQ | 183.2050, -21.3120, -43.2960 |

Conversions

Conversions Part 2

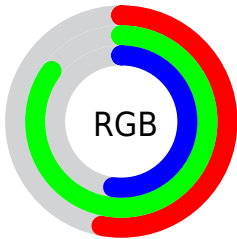
| Format | Color |
|-------------------------------------|--|
| RYB | 133, 217, 214 |
| Decimal | 8968581 |
| CIELab | 79.93, -41.30, 33.76 |
| CIELCh | 80, 53.347, 140.735 |
| Yxy | 56.5534, 0.3092, 0.4460 |
| Android (android.graphics.Color) | 4287158661 (0xFF88D985) |
| YUV | 183.2050, -24.7511, -41.3988 |
| Hunter-Lab | 75.2020, -38.5586, 28.1690 |

Details

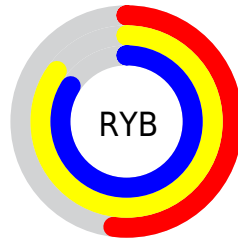
The XYZ color **39.1998, 56.5534, 31.0402** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **48.6463, 36.0828, 70.0494**, and the grayscale version is **45.2635, 47.6207, 51.8589**.

A 20% lighter version of the original color is **66.4679, 86.3143, 60.1708**, and **17.8367, 28.1992, 12.4855** is the 20% darker color. If you saturate the color by 10%, you get **34.7799, 54.4322, 23.7997**, and if you desaturate by 10%, it is **44.5957, 59.1453, 39.9455**.

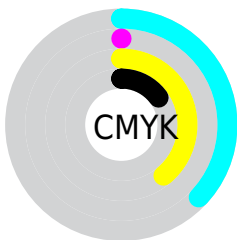
Distribution



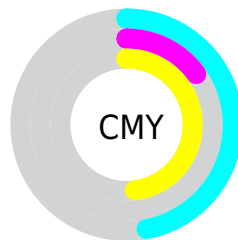
- Red (53%)
- Green (85%)
- Blue (52%)



- Red (52%)
- Yellow (85%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1998, 56.5534, 31.0402 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 39.1998, 56.5534, 31.0402 by changing the saturation by 10% instead.

■ 39.1998, 56.5534,
31.0402

■ 39.1998, 56.5534,
31.0402

333.9318,
411.7737, 321.0804

■ 27.0966, 40.6468,
20.3707

■ 73.2356, 99.8132,
62.3837

■ 17.7828, 28.0432,
12.4781

■ 95.8989, 127.9353,
83.8948

■ 10.8929, 18.3582,
6.9437

■ 122.8129,
160.8979, 109.8568

■ 6.0616, 11.2075,
3.3490

154.3430,
199.0855, 140.6884

■ 2.9236, 6.2066,
1.2755

190.8546,
242.8825, 176.8080

■ 1.1135, 2.9711,
0.0416

232.7131,

■ 0.0364, 1.1167,

292.6733, 218.6342

0.0000

280.2836,
348.8422, 266.5854

■ 0.0000, 0.0000,
0.0000

■ 39.1998, 56.5534,
31.0402

■ 39.1998, 56.5534,
31.0402

■ 34.7799, 54.4322,
23.7997

■ 44.5957, 59.1453,
39.9455

■ 31.2739, 52.7469,
18.1171

■ 51.0167, 62.2261,
50.6059

■ 28.6189, 51.4693,
13.8792

■ 58.5134, 65.8218,
63.1098

■ 26.7426, 50.5648,
10.9561

■ 67.1321, 69.9545,
77.5386

■ 25.5604, 49.9931,
9.1942

■ 76.9162, 74.6448,
93.9689

■ 24.9601, 49.7015,
8.3582

■ 84.1040, 78.1080,
105.2513

■ 24.9109, 49.6780,
8.2759

Harmonies

Analogous

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



46.7176, 56.5534, 20.9714



39.1998, 56.5534, 31.0402



35.7222, 56.5534, 52.4735

Triad

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



39.1998, 56.5534, 31.0402



50.4718, 56.5534, 141.0914



75.6521, 56.5534, 42.7987

Complementary

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



39.1998, 56.5534, 31.0402



48.6463, 36.0828, 70.0494

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.



77.0118, 56.5534, 71.6770



39.1998, 56.5534, 31.0402



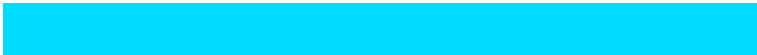
61.4599, 56.5534, 135.8022

Square

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



39.1998, 56.5534, 31.0402



41.6305, 56.5534, 120.1883



71.5229, 56.5534, 107.5109



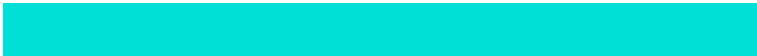
68.0246, 56.5534, 26.0064

Rectangle

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



39.1998, 56.5534, 31.0402



35.7929, 56.5534, 73.3559



71.5229, 56.5534, 107.5109



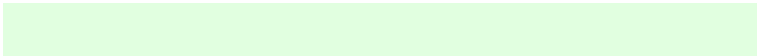
76.8940, 56.5534, 51.1318

Sweetspot

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



39.2012, 56.5558, 31.0415



80.4739, 93.0103, 84.5171



56.5954, 63.9360, 31.5492



16.9157, 19.7598, 17.5746



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.



39.2012, 56.5558, 31.0415



51.4616, 79.0870, 36.4841



41.8192, 57.5475, 47.3336



12.9293, 14.6283, 13.8677



15.0979, 30.0807, 5.0104



0.9936, 1.9568, 0.3253

Inverse Universe

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



48.6463, 36.0828, 70.0494



66.8120, 45.7856, 99.9239



45.1617, 34.7911, 47.0909



13.5660, 13.2499, 16.4946



23.5627, 11.2712, 40.6721



1.5412, 0.7378, 2.6356

Previews

White Background



This preview shows how the XYZ color 39.1998, 56.5534, 31.0402 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 39.1998, 56.5534, 31.0402 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 39.1998, 56.5534, 31.0402

Background



This preview shows how black text looks on a background with the XYZ color 39.1998, 56.5534, 31.0402.

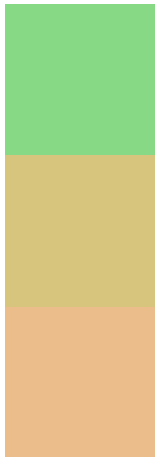


This preview shows how white text looks on a background with the XYZ color 39.1998, 56.5534,

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

39.1998, 56.5534, 31.0402

Protanopia

51.6923, 55.8602, 27.4597

Deuteranopia

57.1187, 55.9214, 32.2095



Tritanopia

48.5275, 56.2426, 78.1103

Trichromacy



Original Color

39.1998, 56.5534, 31.0402

Protanomaly

45.7388, 55.1833, 28.6628

Deuteranomaly

48.4920, 54.7951, 31.6876

Tritanomaly

44.3735, 56.0139, 57.1882

Monochromacy



Original Color

39.1998, 56.5534, 31.0402

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.0325, 49.8538, 43.0047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1998, 56.5534, 31.0402 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(136, 217, 133)` looks like.

```
.text, #text, p{  
    color:rgb(136, 217, 133)  
}
```

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(136, 217, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 217, 133) }
```

Border

The CSS property to change the border of an element to XYZ 39.1998, 56.5534, 31.0402 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(136, 217, 133) }
```


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

```
.border{ border-color:rgb(136, 217, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 217, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 217, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 217, 133); box-shadow:4px 4px 4px 4px rgb(136, 217, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1998, 56.5534, 31.0402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 217, 133) }
```

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

```
.background{ background-color: rgb(136,  
217, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor