

Converting Colors

XYZ(39.2668, 56.4491, 33.0632)

Have a look what the booklet for
XYZ(39.2668, 56.4491, 33.0632)
contains.

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Color

**XYZ(39.3046, 56.5581,
33.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	86D98B
RGB	134, 217, 139
RGB Percent	53%, 85%, 55%
CMY	0.4745, 0.1490, 0.4549
CMYK	0.38, 0.00, 0.36, 0.15
HSL	124°, 52%, 69%
HSV	124°, 38%, 85%
XYZ	39.3046, 56.5581, 33.2713
YIQ	183.2910, -24.4300, -41.8540

Conversions

Conversions Part 2

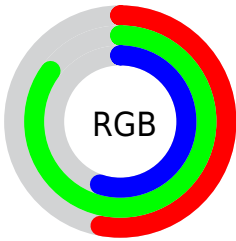
Format	Color
RYB	134, 212, 217
Decimal	8837515
CIELab	79.93, -40.98, 30.69
CIELCh	80, 51.199, 143.175
Yxy	56.5581, 0.3044, 0.4380
Android (android.graphics.Color)	4287027595 (0xFF86D98B)
YUV	183.2910, -21.8355, -43.2282
Hunter-Lab	75.2051, -38.3192, 26.4133

Details

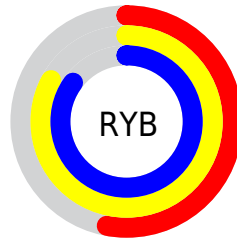
The XYZ color **39.3046, 56.5581, 33.2713** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **49.0259, 36.5566, 66.7618**, and the grayscale version is **45.2965, 47.6555, 51.8968**.

A 20% lighter version of the original color is **66.6208, 86.3174, 63.6017**, and **17.9062, 28.2075, 13.7334** is the 20% darker color. If you saturate the color by 10%, you get **34.8407, 54.4149, 25.9968**, and if you desaturate by 10%, it is **44.7590, 59.1830, 42.0454**.

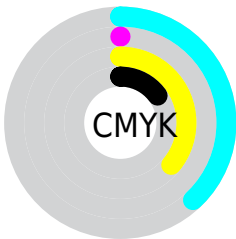
Distribution



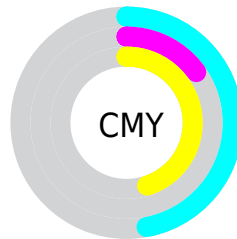
- Red (53%)
- Green (85%)
- Blue (55%)



- Red (53%)
- Yellow (83%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3046, 56.5581, 33.2713 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 39.3046, 56.5581, 33.2713 by changing the saturation by 10% instead.

■ 39.3046, 56.5581,
33.2713

■ 39.3046, 56.5581,
33.2713

334.3687,
411.7914, 331.5399

■ 27.1786, 40.6506,
22.0615

■ 73.3945, 99.8201,
65.9197

■ 17.8447, 28.0461,
13.7034

■ 96.0891, 127.9434,
88.1955

■ 10.9375, 18.3604,
7.7783

■ 123.0372,
160.9073, 114.9970

■ 6.0918, 11.2091,
3.8677

154.6043,
199.0964, 146.7429

■ 2.9422, 6.2076,
1.5530

191.1556,
242.8949, 183.8515

■ 1.1233, 2.9717,
0.2570

233.0565,

■ 0.0444, 1.1170,

292.6873, 226.7415

0.0000

280.6724,
348.8580, 275.8315

■ 0.0000, 0.0000,
0.0000

■ 39.3046, 56.5581,
33.2713

■ 39.3046, 56.5581,
33.2713

■ 34.8407, 54.4149,
25.9968

■ 44.7590, 59.1830,
42.0454

■ 31.3039, 52.7177,
20.1345

■ 51.2538, 62.3090,
52.3925

■ 28.6299, 51.4370,
15.5939

■ 58.8409, 65.9627,
64.3855

■ 26.7448, 50.5367,
12.2724

■ 67.5673, 70.1669,
78.0920

■ 25.5618, 49.9748,
10.0522

■ 77.4773, 74.9433,
93.5754

■ 24.9599, 49.6918,
8.7918

■ 84.1039, 78.1079,
105.2513

■ 24.8871, 49.6571,
8.6564

Harmonies

Analogous

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



46.2752, 56.5581, 22.5504



39.3046, 56.5581, 33.2713



36.2675, 56.5581, 55.0328

Triad

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



39.3046, 56.5581, 33.2713



51.4184, 56.5581, 137.6055



74.2828, 56.5581, 41.7068

Complementary

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



39.3046, 56.5581, 33.2713



49.0259, 36.5566, 66.7618

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.



76.1212, 56.5581, 68.6316



39.3046, 56.5581, 33.2713



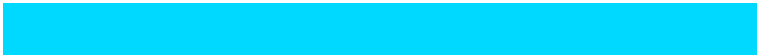
62.0042, 56.5581, 130.5358

Square

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



39.3046, 56.5581, 33.2713



42.6544, 56.5581, 119.6391



71.3774, 56.5581, 102.6124



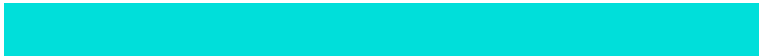
66.6356, 56.5581, 26.2110

Rectangle

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



39.3046, 56.5581, 33.2713



36.5638, 56.5581, 75.5578



71.3774, 56.5581, 102.6124



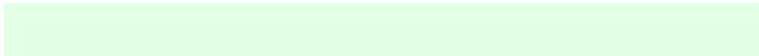
75.6379, 56.5581, 49.4457

Sweetspot

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



39.3060, 56.5605, 33.2726



81.5154, 93.4798, 87.6125



56.5154, 65.4735, 32.2137



17.1206, 19.8510, 18.2362



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.



39.3060, 56.5605, 33.2726



51.2846, 78.9349, 39.2270



42.8486, 57.9775, 51.9273



12.9182, 14.6189, 14.0321



15.0776, 30.0637, 5.3083



0.9882, 1.9522, 0.4041

Inverse Universe

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



49.0259, 36.5566, 66.7618



67.2184, 46.1241, 94.1124



44.5262, 34.7567, 43.0665



13.5787, 13.2606, 16.3089



23.9288, 11.5726, 35.6008



1.5607, 0.7539, 2.3617

Previews

White Background



This preview shows how the XYZ color 39.3046, 56.5581, 33.2713 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 39.3046, 56.5581, 33.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

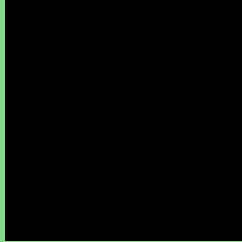
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3046, 56.5581, 33.2713

Background



This preview shows how black text looks on a background with the XYZ color 39.3046, 56.5581, 33.2713.

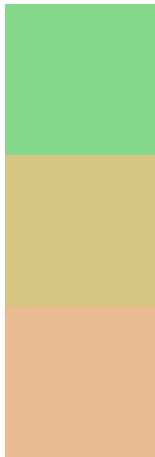


This preview shows how white text looks on a background with the XYZ color 39.3046, 56.5581,

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

39.3046, 56.5581, 33.2713

Protanopia

51.7945, 55.8673, 29.5263

Deuteranopia

56.9127, 55.7632, 34.5518



Tritanopia

48.3946, 56.5327, 78.1733

Trichromacy



Original Color

39.3046, 56.5581, 33.2713



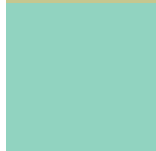
Protanomaly

45.9035, 55.2212, 30.7937



Deuteranomaly

48.4073, 54.7003, 33.9935



Tritanomaly

44.4857, 56.4140, 58.4135

Monochromacy



Original Color

39.3046, 56.5581, 33.2713



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.0072, 49.8196, 43.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3046, 56.5581, 33.2713 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(134, 217, 139)` looks like.

```
.text, #text, p{  
    color:rgb(134, 217, 139)  
}
```

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(134, 217, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 217, 139) }
```

Border

The CSS property to change the border of an element to XYZ 39.3046, 56.5581, 33.2713 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(134, 217, 139) }
```


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

```
.border{ border-color:rgb(134, 217, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 217, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 217, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 217, 139);  
box-shadow:4px 4px 4px 4px rgb(134, 217,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3046, 56.5581, 33.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 217, 139) }
```

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

```
.background{ background-color: rgb(134,  
217, 139) }
```

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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