

Converting Colors

XYZ(39.3011, 55.9700, 42.4501)

Have a look what the booklet for
XYZ(39.3011, 55.9700, 42.4501)
contains.

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Color

**XYZ(39.3011, 55.9700,
42.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD8A1
RGB	124, 216, 161
RGB Percent	49%, 85%, 63%
CMY	0.5137, 0.1529, 0.3686
CMYK	0.43, 0.00, 0.25, 0.15
HSL	144°, 54%, 67%
HSV	144°, 43%, 85%
XYZ	39.3011, 55.9700, 42.4501
YIQ	182.2220, -37.1770, -36.6090

Conversions

Conversions Part 2

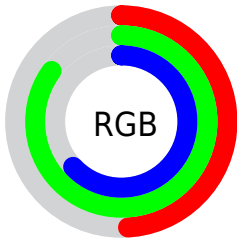
Format	Color
RYB	124, 190, 216
Decimal	8181921
CIELab	79.60, -39.56, 18.72
CIELCh	80, 43.760, 154.679
Yxy	55.9700, 0.2854, 0.4064
Android (android.graphics.Color)	4286372001 (0xFF7CD8A1)
YUV	182.2220, -10.4624, -51.0607
Hunter-Lab	74.8131, -37.1526, 18.7271

Details

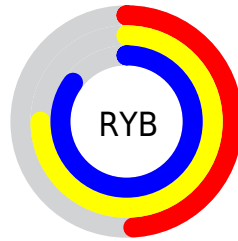
The XYZ color **39.3011, 55.9700, 42.4501** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.6651, 32.2703, 46.5775**, and the grayscale version is **44.6554, 46.9809, 51.1623**.

A 20% lighter version of the original color is **66.9771, 86.1812, 78.0703**, and **17.8891, 27.8228, 18.8955** is the 20% darker color. If you saturate the color by 10%, you get **35.4343, 54.1030, 36.6290**, and if you desaturate by 10%, it is **43.9722, 58.2411, 48.9253**.

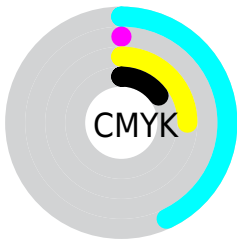
Distribution



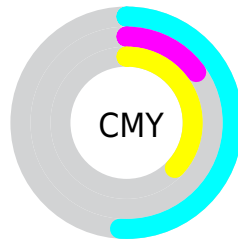
- Red (49%)
- Green (85%)
- Blue (63%)



- Red (49%)
- Yellow (75%)
- Blue (85%)



- Cyan (43%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3011, 55.9700, 42.4501 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 39.3011, 55.9700, 42.4501 by changing the saturation by 10% instead.

■ 39.3011, 55.9700,
42.4501

■ 39.3011, 55.9700,
42.4501

334.3541,
409.5784, 372.1999

■ 27.1758, 40.1789,
29.1257

■ 73.3892, 98.9607,
80.1578

■ 17.8426, 27.6780,
18.9295

■ 96.0827, 126.9291,
105.3782

■ 10.9360, 18.0831,
11.4431

■ 123.0297,
159.7253, 135.4010

■ 6.0908, 11.0097,
6.2478

154.5955,
197.7338, 170.6447

■ 2.9416, 6.0733,
2.9251

191.1455,
241.3390, 211.5279

■ 1.1229, 2.8897,
1.0565

233.0451,

■ 0.0442, 1.0744,

290.9252, 258.4692

0.0000

280.6595,
346.8769, 311.8870

■ 0.0000, 0.0000,
0.0000

■ 39.3011, 55.9700,
42.4501

■ 39.3011, 55.9700,
42.4501

■ 35.4343, 54.1030,
36.6290

■ 43.9722, 58.2411,
48.9253

■ 32.3187, 52.6085,
31.4374

■ 49.4875, 60.9319,
56.0705

■ 29.9015, 51.4614,
26.8544


■ 55.8897, 64.0656,
63.9061


■ 28.1206, 50.6299,
22.8568


■ 63.2170, 67.6614,
72.4502


■ 26.9019, 50.0765,
19.4193

■ 71.5055, 71.7377,
81.7202

 26.2718, 49.7997,
17.2164

 80.7891, 76.3116,
91.7331

 83.2721, 77.3638,
102.1387

 83.8469, 77.5938,
105.1656

Harmonies

Analogous

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



44.1253, 55.9700, 29.1060



39.3011, 55.9700, 42.4501



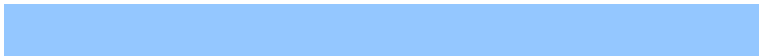
38.0305, 55.9700, 64.9879

Triad

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



39.3011, 55.9700, 42.4501



54.5924, 55.9700, 123.2502



68.3882, 55.9700, 37.2857

Complementary

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



39.3011, 55.9700, 42.4501



43.6651, 32.2703, 46.5775

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.



71.9410, 55.9700, 57.0673



39.3011, 55.9700, 42.4501



63.4357, 55.9700, 110.2078

Square

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



39.3011, 55.9700, 42.4501



46.2733, 55.9700, 116.1904



70.0359, 55.9700, 84.1481



60.7807, 55.9700, 26.7530

Rectangle

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



39.3011, 55.9700, 42.4501



39.2356, 55.9700, 83.5386



70.0359, 55.9700, 84.1481



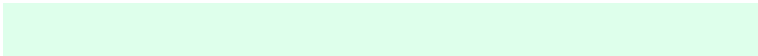
70.1323, 55.9700, 42.8384

Sweetspot

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



39.3026, 55.9723, 42.4514



80.8599, 93.0346, 92.4306



46.8326, 60.1770, 28.2165



16.8416, 19.6850, 19.2235



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.



39.3026, 55.9723, 42.4514



52.1710, 79.0606, 54.2369



44.1079, 57.8944, 67.7558



12.4673, 13.9779, 14.2752



15.5998, 29.4953, 10.4540



0.9813, 1.7952, 0.8431

Inverse Universe

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



43.6651, 32.2703, 46.5775



59.3109, 40.2120, 60.9476



39.7757, 30.7145, 26.0958



12.7318, 12.5442, 14.5278



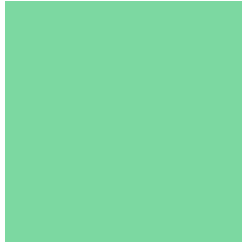
19.1672, 9.6032, 13.4503



1.1965, 0.5954, 1.0242

Previews

White Background



This preview shows how the XYZ color 39.3011, 55.9700, 42.4501 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 39.3011, 55.9700, 42.4501 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

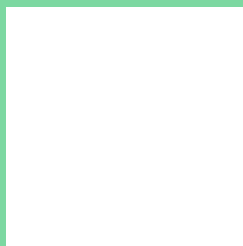
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3011, 55.9700, 42.4501

Background



This preview shows how black text looks on a background with the XYZ color 39.3011, 55.9700, 42.4501.

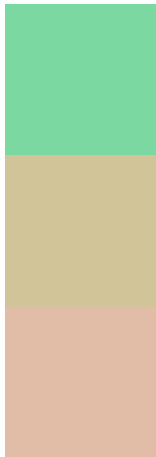


This preview shows how white text looks on a background with the XYZ color 39.3011, 55.9700,

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

39.3011, 55.9700, 42.4501

Protanopia

51.7019, 55.3022, 37.6552

Deuteranopia

56.2240, 55.1928, 44.2492



Tritanopia

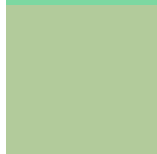
46.6579, 55.9825, 78.8676

Trichromacy



Original Color

39.3011, 55.9700, 42.4501



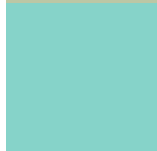
Protanomaly

45.6324, 54.5434, 39.1332



Deuteranomaly

47.9540, 54.2548, 43.5421



Tritanomaly

43.6684, 55.8739, 63.7415

Monochromacy



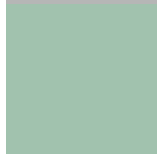
Original Color

39.3011, 55.9700, 42.4501



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

41.6297, 49.2166, 47.3500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3011, 55.9700, 42.4501 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(124, 216, 161)` looks like.

```
.text, #text, p{  
    color:rgb(124, 216, 161)  
}
```

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(124, 216, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 216, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.3011, 55.9700, 42.4501 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(124, 216, 161) }
```


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

```
.border{ border-color:rgb(124, 216, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 216, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 216, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 216, 161);  
box-shadow:4px 4px 4px 4px rgb(124, 216,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3011, 55.9700, 42.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 216, 161) }
```

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

```
.background{ background-color: rgb(124,  
216, 161) }
```

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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