

Converting Colors

XYZ(39.5289, 55.6593, 41.8966)

Have a look what the booklet for
XYZ(39.5289, 55.6593, 41.8966)
contains.

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Color

**XYZ(39.5477, 55.7281,
41.9299)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80D7A0 |
| RGB | 128, 215, 160 |
| RGB Percent | 50%, 84%, 63% |
| CMY | 0.4980, 0.1568, 0.3725 |
| CMYK | 0.40, 0.00, 0.26, 0.16 |
| HSL | 142°, 52%, 67% |
| HSV | 142°, 40%, 84% |
| XYZ | 39.5477, 55.7281, 41.9299 |
| YIQ | 182.7170, -34.1970, -35.5490 |

Conversions

Conversions Part 2

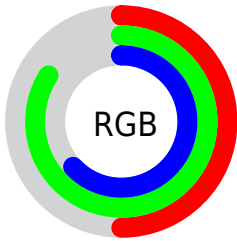
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 128, 192, 215 |
| Decimal | 8443808 |
| CIELab | 79.46, -38.18, 19.08 |
| CIELCh | 79, 42.684, 153.453 |
| Yxy | 55.7281, 0.2882, 0.4062 |
| Android (android.graphics.Color) | 4286633888 (0xFF80D7A0) |
| YUV | 182.7170, -11.1995, -47.9868 |
| Hunter-Lab | 74.6513, -36.0765, 18.9540 |

Details

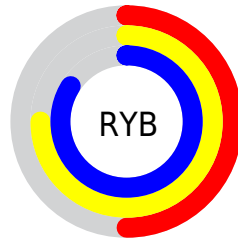
The XYZ color **39.5477, 55.7281, 41.9299** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **44.2926, 33.3056, 48.8962**, and the grayscale version is **44.9287, 47.2685, 51.4754**.

A 20% lighter version of the original color is **67.7929, 86.6166, 77.4356**, and **18.0252, 27.6408, 18.5725** is the 20% darker color. If you saturate the color by 10%, you get **35.5253, 53.7860, 35.8708**, and if you desaturate by 10%, it is **44.3882, 58.0800, 48.7084**.

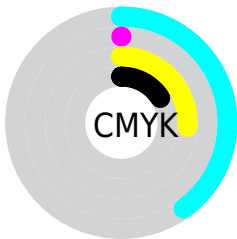
Distribution



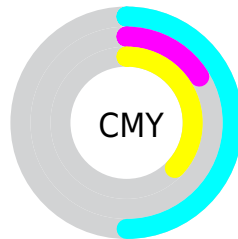
- Red (50%)
- Green (84%)
- Blue (63%)



- Red (50%)
- Yellow (75%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5477, 55.7281, 41.9299 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 39.5477, 55.7281, 41.9299 by changing the saturation by 10% instead.


 39.5477, 55.7281,
41.9299


 39.5477, 55.7281,
41.9299


335.3807,
408.6660, 369.9833


 27.3687, 39.9850,
28.7212


 73.7630, 98.6069,
79.3625

 17.9883, 27.5268,
18.6263


 96.5300, 126.5114,
104.4235

 11.0413, 17.9693,
11.2265


 123.5571,
159.2384, 134.2723

 6.1621, 10.9279,
6.1033

155.2096,
197.1724, 169.3276

 2.9855, 6.0184,
2.8382

191.8528,
240.6978, 210.0077

 1.1461, 2.8563,
1.0126

233.8522,

 0.0632, 1.0572,

290.1989, 256.7314

0.0000

281.5730,
346.0602, 309.9171

■ 0.0000, 0.0000,
0.0000

■ 39.5477, 55.7281,
41.9299

■ 39.5477, 55.7281,
41.9299

■ 35.5253, 53.7860,
35.8708

■ 44.3882, 58.0800,
48.7084

■ 32.2689, 52.2227,
30.5033

■ 50.0863, 60.8570,
56.2253

■ 29.7268, 51.0136,
25.8034

■ 56.6840, 64.0818,
64.5037


■ 27.8387, 50.1281,
21.7441


■ 64.2192, 67.7737,
73.5643

■ 26.5337, 49.5303,
18.2962

■ 72.7277, 71.9504,
83.4272

 25.7156, 49.1686,
15.5475

 81.5019, 76.2471,
94.0771

 83.5915, 77.0829,
105.0805

Harmonies

Analogous

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



44.3906, 55.7281, 29.1977



39.5477, 55.7281, 41.9299



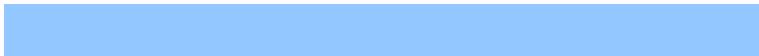
38.1585, 55.7281, 63.5664

Triad

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



39.5477, 55.7281, 41.9299



53.9669, 55.7281, 121.0545



67.9462, 55.7281, 38.1972

Complementary

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



39.5477, 55.7281, 41.9299



44.2926, 33.3056, 48.8962

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.



71.1849, 55.7281, 57.8793



39.5477, 55.7281, 41.9299



62.5844, 55.7281, 109.2053

Square

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



39.5477, 55.7281, 41.9299



45.9368, 55.7281, 113.4664



69.1250, 55.7281, 84.3183



60.6822, 55.7281, 27.4863

Rectangle

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



39.5477, 55.7281, 41.9299



39.2389, 55.7281, 81.4738



69.1250, 55.7281, 84.3183



69.5752, 55.7281, 43.7618

Sweetspot

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



39.5492, 55.7304, 41.9312



81.7148, 93.4674, 92.8284



47.7509, 60.2414, 29.5338



17.2060, 19.8668, 19.5166



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.



39.5492, 55.7304, 41.9312



52.8108, 79.4047, 53.6213



44.0315, 57.5233, 65.5349



12.4494, 13.9707, 14.1808



15.4273, 29.4263, 9.5459



0.9698, 1.7906, 0.7825

Inverse Universe

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



44.2926, 33.3056, 48.8962



60.7432, 41.8441, 65.2245



40.4493, 31.7683, 28.6575



12.7502, 12.5516, 14.6250



19.4693, 9.7240, 15.0410



1.2136, 0.6022, 1.1140

Previews

White Background



This preview shows how the XYZ color 39.5477, 55.7281, 41.9299 looks on a white background.

Color Contrast Check

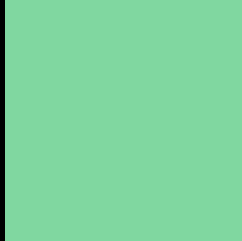
Large Text (above 18pt) WCAG AA × Fail

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 39.5477, 55.7281, 41.9299 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

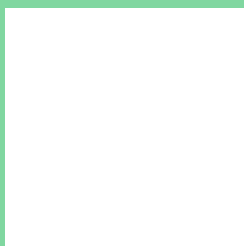
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5477, 55.7281, 41.9299

Background



This preview shows how black text looks on a background with the XYZ color 39.5477, 55.7281, 41.9299.



This preview shows how white text looks on a background with the XYZ color 39.5477, 55.7281,

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

39.5477, 55.7281, 41.9299

Protanopia

51.6203, 55.2695, 37.2256

Deuteranopia

55.9175, 54.7272, 43.6926



Tritanopia

46.7874, 55.7041, 78.0981

Trichromacy



Original Color

39.5477, 55.7281, 41.9299



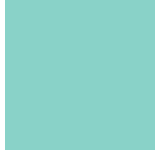
Protanomaly

46.0111, 54.7483, 38.7143



Deuteranomaly

48.1301, 54.0157, 43.0113



Tritanomaly

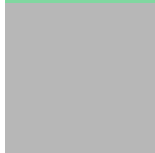
43.7884, 55.5817, 63.0640

Monochromacy



Original Color

39.5477, 55.7281, 41.9299



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.3572, 49.9119, 47.9589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5477, 55.7281, 41.9299 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(128, 215, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 215, 160)  
}
```

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(128, 215, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 215, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.5477, 55.7281, 41.9299 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(128, 215, 160) }
```


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

```
.border{ border-color:rgb(128, 215, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 215, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 215, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 215, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 215,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5477, 55.7281, 41.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 215, 160) }
```

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

```
.background{ background-color: rgb(128,  
215, 160) }
```

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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