

Converting Colors

XYZ(39.4836, 56.9954, 42.3852)

Have a look what the booklet for
XYZ(39.4836, 56.9954, 42.3852)
contains.

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Color

**XYZ(39.3017, 56.7458,
42.1393)**

Conversions

Conversions Part 1

Format	Color
Hex	79DAA0
RGB	121, 218, 160
RGB Percent	47%, 85%, 63%
CMY	0.5255, 0.1451, 0.3725
CMYK	0.44, 0.00, 0.27, 0.15
HSL	144°, 57%, 66%
HSV	144°, 44%, 85%
XYZ	39.3017, 56.7458, 42.1393
YIQ	182.3850, -39.1940, -38.6020

Conversions

Conversions Part 2

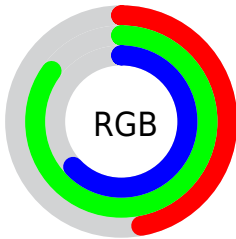
Format	Color
RYB	121, 190, 218
Decimal	7985824
CIELab	80.04, -41.45, 19.83
CIELCh	80, 45.949, 154.431
Yxy	56.7458, 0.2844, 0.4106
Android (android.graphics.Color)	4286175904 (0xFF79DAA0)
YUV	182.3850, -11.0358, -53.8346
Hunter-Lab	75.3298, -38.6986, 19.5642

Details

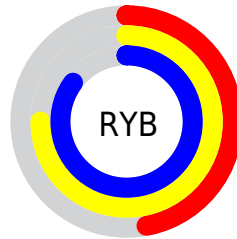
The XYZ color **39.3017, 56.7458, 42.1393** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **43.8893, 31.8361, 46.4817**, and the grayscale version is **44.7482, 47.0786, 51.2686**.

A 20% lighter version of the original color is **66.1572, 85.7734, 77.3591**, and **17.7415, 28.0134, 18.6594** is the 20% darker color. If you saturate the color by 10%, you get **35.5039, 54.9145, 36.3183**, and if you desaturate by 10%, it is **43.9124, 58.9855, 48.6251**.

Distribution



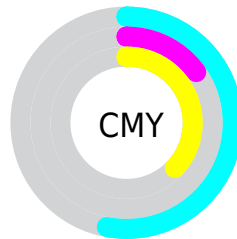
- Red (47%)
- Green (85%)
- Blue (63%)



- Red (47%)
- Yellow (75%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3017, 56.7458, 42.1393 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 39.3017, 56.7458, 42.1393 by changing the saturation by 10% instead.


 39.3017, 56.7458,
42.1393


 39.3017, 56.7458,
42.1393


334.3566,
412.4961, 370.8767


 27.1763, 40.8012,
28.8840


 73.3901, 100.0942,
79.6828

 17.8429, 28.1638,
18.7483


 96.0838, 128.2667,
104.8080

 10.9363, 18.4491,
11.3136


 123.0310,
161.2841, 134.7270

 6.0910, 11.2729,
6.1613

154.5970,
199.5306, 169.8582

 2.9417, 6.2507,
2.8731

191.1473,
243.3906, 210.6203

 1.1230, 2.9981,
1.0302

233.0470,

 0.0442, 1.1308,

293.2486, 257.4317

0.0000

280.6617,
349.4890, 310.7110

■ 0.0000, 0.0040,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3017, 56.7458,
42.1393

■ 39.3017, 56.7458,
42.1393

■ 35.5039, 54.9145,
36.3183

■ 43.9124, 58.9855,
48.6251

■ 32.4637, 53.4587,
31.1366


■ 49.3777, 61.6500,
55.7922


■ 30.1259, 52.3521,
26.5728


■ 55.7416, 64.7631,
63.6615


■ 28.4249, 51.5613,
22.6025

■ 63.0439, 68.3451,
72.2517


 27.2817, 51.0461,
19.1997

 71.3219, 72.4146,
81.5808

 26.8194, 50.8437,
17.5568

 80.6107, 76.9895,
91.6663

 83.7645, 78.3857,
102.1888

 84.3625, 78.6249,
105.3375

Harmonies

Analogous

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



44.4040, 56.7458, 28.3305



39.3017, 56.7458, 42.1393



37.9370, 56.7458, 65.8468

Triad

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



39.3017, 56.7458, 42.1393



55.3349, 56.7458, 128.5675



70.1467, 56.7458, 37.0275

Complementary

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



39.3017, 56.7458, 42.1393



43.8893, 31.8361, 46.4817

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.



73.8968, 56.7458, 57.8967



39.3017, 56.7458, 42.1393



64.7411, 56.7458, 114.6637

Square

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



39.3017, 56.7458, 42.1393



46.5490, 56.7458, 120.7710



71.8132, 56.7458, 86.7514



62.0640, 56.7458, 26.0323

Rectangle

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



39.3017, 56.7458, 42.1393



39.1799, 56.7458, 85.5966



71.8132, 56.7458, 86.7514



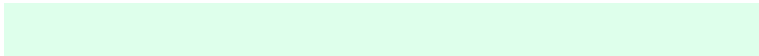
71.9957, 56.7458, 42.8602

Sweetspot

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



39.3032, 56.7481, 42.1406



80.8594, 93.0344, 92.4279



47.1612, 61.1334, 27.4040



16.8415, 19.6850, 19.2228



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.



39.3032, 56.7481, 42.1406



51.1432, 78.5657, 52.6095



44.3805, 58.7790, 68.8771



13.1024, 14.6926, 15.0020



16.1169, 30.4794, 10.7811



1.0860, 1.9914, 0.9191

Inverse Universe

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



43.8893, 31.8361, 46.4817



58.4414, 38.8581, 59.4705



39.8288, 30.2119, 25.0993



13.3812, 13.1816, 15.2688



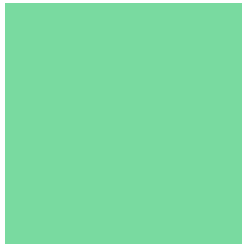
19.8048, 9.9230, 13.8842



1.3252, 0.6597, 1.1216

Previews

White Background



This preview shows how the XYZ color 39.3017, 56.7458, 42.1393 looks on a white background.

Color Contrast Check

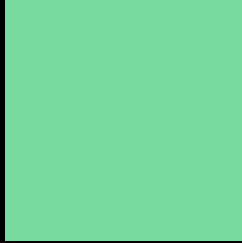
Large Text (above 18pt) WCAG AA × Fail

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 39.3017, 56.7458, 42.1393 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 39.3017, 56.7458, 42.1393

Background



This preview shows how black text looks on a background with the XYZ color 39.3017, 56.7458, 42.1393.

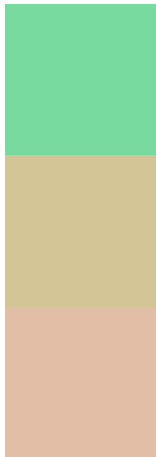


This preview shows how white text looks on a background with the XYZ color 39.3017, 56.7458,

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

39.3017, 56.7458, 42.1393

Protanopia

52.3352, 55.9834, 36.9017

Deuteranopia

56.9749, 55.9110, 43.8654



Tritanopia

46.8445, 56.4103, 80.3708

Trichromacy



Original Color

39.3017, 56.7458, 42.1393



Protanomaly

46.0242, 55.4607, 38.8511



Deuteranomaly

48.0942, 54.6803, 43.1415



Tritanomaly

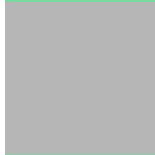
43.5642, 56.1765, 64.4242

Monochromacy



Original Color

39.3017, 56.7458, 42.1393



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

41.6523, 49.5598, 47.4151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3017, 56.7458, 42.1393 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(121, 218, 160)` looks like.

```
.text, #text, p{  
    color:rgb(121, 218, 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(121, 218, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 218, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.3017, 56.7458, 42.1393 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(121, 218, 160) }
```


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

```
.border{ border-color:rgb(121, 218, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 218, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 218, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 218, 160);  
box-shadow:4px 4px 4px 4px rgb(121, 218,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3017, 56.7458, 42.1393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 218, 160) }
```

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

```
.background{ background-color: rgb(121,  
218, 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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