

Converting Colors

XYZ(39.7466, 53.6235, 38.8114)

Have a look what the booklet for
XYZ(39.7466, 53.6235, 38.8114)
contains.

XYZ(39.7885, 53.6848, 38.8370)	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(39.7885, 53.6848,
38.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED19A
RGB	142, 209, 154
RGB Percent	56%, 82%, 60%
CMY	0.4431, 0.1804, 0.3961
CMYK	0.32, 0.00, 0.26, 0.18
HSL	131°, 42%, 69%
HSV	131°, 32%, 82%
XYZ	39.7885, 53.6848, 38.8370
YIQ	182.6970, -22.2770, -31.3090

Conversions

Conversions Part 2

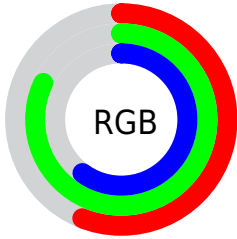
Format	Color
RYB	142, 199, 209
Decimal	9359770
CIELab	78.28, -32.34, 20.71
CIELCh	78, 38.399, 147.362
Yxy	53.6848, 0.3007, 0.4057
Android (android.graphics.Color)	4287549850 (0xFF8ED19A)
YUV	182.6970, -14.1476, -35.6913
Hunter-Lab	73.2699, -31.2897, 19.8620

Details

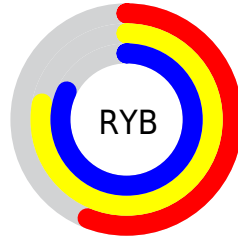
The XYZ color **39.7885, 53.6848, 38.8370** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.0473, 36.9336, 57.5273**, and the grayscale version is **44.9286, 47.2684, 51.4753**.

A 20% lighter version of the original color is **70.2946, 87.9938, 73.6012**, and **18.1236, 26.2143, 16.9366** is the 20% darker color. If you saturate the color by 10%, you get **35.2050, 51.4769, 31.6892**, and if you desaturate by 10%, it is **45.2514, 56.3255, 47.0945**.

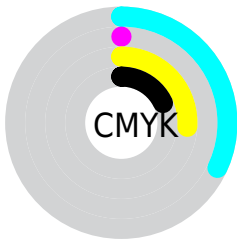
Distribution



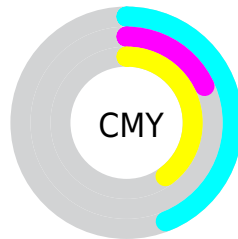
- Red (56%)
- Green (82%)
- Blue (60%)



- Red (56%)
- Yellow (78%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (44%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7885, 53.6848, 38.8370 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 39.7885, 53.6848, 38.8370 by changing the saturation by 10% instead.


 39.7885, 53.6848,
38.8370


 39.7885, 53.6848,
38.8370


336.3811,
400.9069, 356.6022

 27.5572, 38.3497,
26.3261


 74.1277, 95.6113,
74.6068

 18.1308, 26.2542,
16.8398


 96.9663, 122.9715,
98.7029

 11.1442, 17.0139,
9.9596


124.0714,
155.1088, 127.4976

 6.2319, 10.2444,
5.2669

155.8083,
192.4078, 161.4098

 3.0286, 5.5613,
2.3432

192.5423,
235.2526, 200.8577

 1.1689, 2.5802,
0.7553

234.6389,

 0.0816, 0.9167,

284.0279, 246.2601

0.0000

282.4634,
339.1178, 298.0354

■ 0.0000, 0.0000,
0.0000

■ 39.7885, 53.6848,
38.8370

■ 39.7885, 53.6848,
38.8370

■ 35.2050, 51.4769,
31.6892

■ 45.2514, 56.3255,
47.0945

■ 31.4505, 49.6723,
25.6003

■ 51.6324, 59.4134,
56.5023

■ 28.4757, 48.2480,
20.5209

■ 58.9729, 62.9705,
67.1036

■ 26.2243, 47.1764,
16.3963

■ 67.3105, 67.0154,
78.9382

■ 24.6325, 46.4256,
13.1664

■ 76.6808, 71.5656,
92.0441

■ 23.6244, 45.9581,
10.7646

■ 82.0915, 74.0830,
104.5805

■ 23.1423, 45.7393,
9.3951

Harmonies

Analogous

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



44.6621, 53.6848, 28.8413



39.7885, 53.6848, 38.8370



37.8973, 53.6848, 56.5678

Triad

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



39.7885, 53.6848, 38.8370



50.3630, 53.6848, 110.3699



64.9806, 53.6848, 41.4059

Complementary

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



39.7885, 53.6848, 38.8370



46.0473, 36.9336, 57.5273

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.



66.8822, 53.6848, 60.3809



39.7885, 53.6848, 38.8370



57.9670, 53.6848, 103.5040

Square

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



39.7885, 53.6848, 38.8370



43.6153, 53.6848, 100.7386



64.2016, 53.6848, 83.7634



59.2314, 53.6848, 30.0482

Rectangle

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



39.7885, 53.6848, 38.8370



38.4277, 53.6848, 71.7077



64.2016, 53.6848, 83.7634



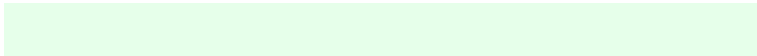
66.1142, 53.6848, 46.9425

Sweetspot

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



39.7899, 53.6870, 38.8382



83.0938, 94.2048, 91.6964



50.9298, 59.5397, 34.3996



17.4528, 20.0025, 19.1427



0.0000, 0.0000, 0.0000



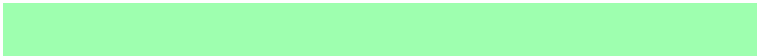
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.7899, 53.6870, 38.8382



57.6629, 81.9123, 53.5640



42.8913, 54.9276, 55.1701



11.7415, 13.2404, 12.9953



14.2943, 28.2106, 5.9298



0.8261, 1.5881, 0.4728

Inverse Universe

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



46.0473, 36.9336, 57.5273



68.8643, 51.9000, 87.0033



42.7000, 35.5947, 39.9009



12.2162, 11.9712, 14.4140



20.8111, 10.1973, 24.9754



1.1880, 0.5799, 1.5246

Previews

White Background



This preview shows how the XYZ color 39.7885, 53.6848, 38.8370 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 39.7885, 53.6848, 38.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

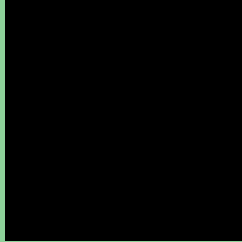
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7885, 53.6848, 38.8370

Background



This preview shows how black text looks on a background with the XYZ color 39.7885, 53.6848, 38.8370.



This preview shows how white text looks on a background with the XYZ color 39.7885, 53.6848,

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

39.7885, 53.6848, 38.8370

Protanopia

49.7119, 53.3371, 34.8691

Deuteranopia

54.0384, 52.8891, 40.1614



Tritanopia

46.7375, 53.6531, 73.5384

Trichromacy



Original Color

39.7885, 53.6848, 38.8370



Protanomaly

45.3767, 53.0841, 36.2884



Deuteranomaly

47.6257, 52.4872, 39.5192



Tritanomaly

43.9081, 53.5648, 59.0638

Monochromacy



Original Color

39.7885, 53.6848, 38.8370



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.4445, 49.0027, 46.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7885, 53.6848, 38.8370 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(142, 209, 154)` looks like.

```
.text, #text, p{  
    color:rgb(142, 209, 154)  
}
```

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(142, 209, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 209, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.7885, 53.6848, 38.8370 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(142, 209, 154) }
```


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

```
.border{ border-color:rgb(142, 209, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 209, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 209, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 209, 154); box-shadow:4px 4px 4px 4px rgb(142, 209, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7885, 53.6848, 38.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 209, 154) }
```

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

```
.background{ background-color: rgb(142,  
209, 154) }
```

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