

Converting Colors

XYZ(39.5199, 53.5171, 42.3778)

Have a look what the booklet for
XYZ(39.5199, 53.5171, 42.3778)
contains.

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Color

**XYZ(39.4754, 53.4438,
42.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	88D1A2
RGB	136, 209, 162
RGB Percent	53%, 82%, 64%
CMY	0.4667, 0.1804, 0.3647
CMYK	0.35, 0.00, 0.22, 0.18
HSL	141°, 44%, 68%
HSV	141°, 35%, 82%
XYZ	39.4754, 53.4438, 42.4175
YIQ	181.8150, -28.4210, -30.0930

Conversions

Conversions Part 2

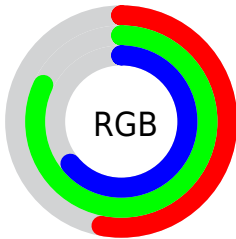
Format	Color
RYB	136, 190, 209
Decimal	8966562
CIELab	78.14, -32.71, 16.23
CIELCh	78, 36.518, 153.604
Yxy	53.4438, 0.2917, 0.3949
Android (android.graphics.Color)	4287156642 (0xFF88D1A2)
YUV	181.8150, -9.7688, -40.1798
Hunter-Lab	73.1053, -31.5477, 16.7721

Details

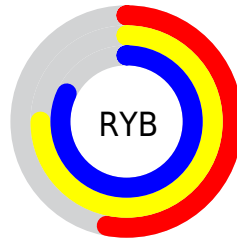
The XYZ color **39.4754, 53.4438, 42.4175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.6477, 34.5838, 49.1768**, and the grayscale version is **44.4264, 46.7401, 50.9000**.

A 20% lighter version of the original color is **69.7702, 87.6061, 78.8780**, and **17.9374, 26.0760, 18.8396** is the 20% darker color. If you saturate the color by 10%, you get **35.2736, 51.4101, 36.3077**, and if you desaturate by 10%, it is **44.4700, 55.8744, 49.2349**.

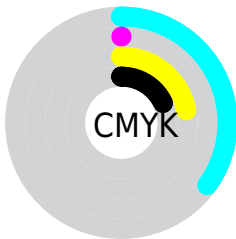
Distribution



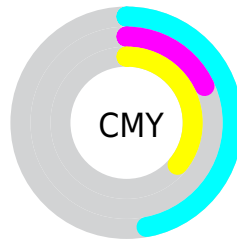
- Red (53%)
- Green (82%)
- Blue (64%)



- Red (53%)
- Yellow (75%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)





- Cyan (47%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4754, 53.4438, 42.4175 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 39.4754, 53.4438, 42.4175 by changing the saturation by 10% instead.


 39.4754, 53.4438,
42.4175


 39.4754, 53.4438,
42.4175


335.0799,
399.9855, 372.0613


 27.3121, 38.1572,
29.1003


 73.6534, 95.2571,
80.1080

 17.9456, 26.1047,
18.9105


 96.3989, 122.5526,
105.3184

 11.0104, 16.9020,
11.4295


 123.4026,
154.6197, 135.3303

 6.1412, 10.1646,
6.2387

155.0296,
191.8431, 170.5623

 2.9726, 5.5082,
2.9196

191.6456,
234.6069, 211.4328

 1.1393, 2.5484,
1.0537

233.6157,

 0.0576, 0.9008,

283.2957, 258.3605

0.0000

281.3054,
338.2937, 311.7638

■ 0.0000, 0.0000,
0.0000

■ 39.4754, 53.4438,
42.4175

■ 39.4754, 53.4438,
42.4175

■ 35.2736, 51.4101,
36.3077

■ 44.4700, 55.8744,
49.2349

■ 31.8176, 49.7450,
30.8791

■ 50.2924, 58.7150,
56.7782

■ 29.0620, 48.4272,
26.1086


■ 56.9807, 61.9863,
65.0695


■ 26.9544, 47.4301,
21.9706


■ 64.5692, 65.7058,
74.1288


■ 25.4345, 46.7232,
18.4374

■ 73.0906, 69.8896,
83.9753

 24.4293, 46.2694,
15.4795

 80.1801, 73.3184,
94.5156

 24.0523, 46.1033,
14.1873

 82.0915, 74.0829,
104.5805

Harmonies

Analogous

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



43.5780, 53.4438, 31.2244



39.4754, 53.4438, 42.4175



38.3015, 53.4438, 60.6954

Triad

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



39.4754, 53.4438, 42.4175



51.6638, 53.4438, 106.8537



63.0973, 53.4438, 39.0471

Complementary

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



39.4754, 53.4438, 42.4175



43.6477, 34.5838, 49.1768

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.



65.7508, 53.4438, 55.7569



39.4754, 53.4438, 42.4175



58.7716, 53.4438, 97.4192

Square

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



39.4754, 53.4438, 42.4175



44.9401, 53.4438, 100.9421



64.0988, 53.4438, 77.4583



57.1412, 53.4438, 29.6222

Rectangle

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



39.4754, 53.4438, 42.4175



39.2372, 53.4438, 75.3784



64.0988, 53.4438, 77.4583



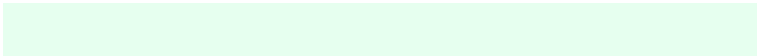
64.4291, 53.4438, 43.8379

Sweetspot

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



39.4768, 53.4460, 42.4187



83.7512, 94.4677, 95.1578



46.8820, 57.5035, 31.9215



17.6109, 20.0658, 19.9753



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.



39.4768, 53.4460, 42.4187



56.8223, 81.3536, 59.1869



43.1543, 54.9170, 61.7842



11.8277, 13.2748, 13.4493



14.8721, 28.4418, 8.9727



0.8690, 1.6052, 0.6987

Inverse Universe

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



43.6477, 34.5838, 49.1768



64.3199, 47.4107, 71.3086



40.3628, 33.2698, 31.8784



12.1246, 11.9346, 13.9319



18.9383, 9.4482, 15.1134



1.0960, 0.5431, 1.0402

Previews

White Background



This preview shows how the XYZ color 39.4754, 53.4438, 42.4175 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 39.4754, 53.4438, 42.4175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

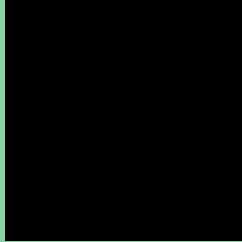
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4754, 53.4438, 42.4175

Background



This preview shows how black text looks on a background with the XYZ color 39.4754, 53.4438, 42.4175.

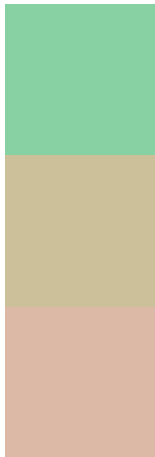


This preview shows how white text looks on a background with the XYZ color 39.4754, 53.4438,

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

39.4754, 53.4438, 42.4175

Protanopia

49.5842, 52.8697, 38.1634

Deuteranopia

53.8392, 52.7036, 43.8944



Tritanopia

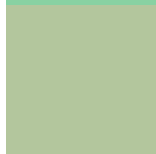
45.9882, 53.5989, 74.2515

Trichromacy



Original Color

39.4754, 53.4438, 42.4175



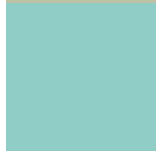
Protanomaly

44.8703, 52.4062, 39.6488



Deuteranomaly

47.0696, 52.1190, 43.1765



Tritanomaly

43.5260, 53.6692, 61.4912

Monochromacy



Original Color

39.4754, 53.4438, 42.4175



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.1046, 48.7938, 47.7564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4754, 53.4438, 42.4175 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(136, 209, 162)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 162)  
}
```

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(136, 209, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.4754, 53.4438, 42.4175 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(136, 209, 162) }
```


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

```
.border{ border-color:rgb(136, 209, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 209, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 209, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 209, 162); box-shadow:4px 4px 4px 4px rgb(136, 209, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4754, 53.4438, 42.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 162) }
```

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

```
.background{ background-color: rgb(136,  
209, 162) }
```

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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