

Converting Colors

XYZ(39.4845, 53.6632, 39.3971)

Have a look what the booklet for
XYZ(39.4845, 53.6632, 39.3971)
contains.

XYZ(39.3643, 53.4565, 39.2538)	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(39.3643, 53.4565,
39.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD19B
RGB	139, 209, 155
RGB Percent	55%, 82%, 61%
CMY	0.4549, 0.1804, 0.3921
CMYK	0.33, 0.00, 0.26, 0.18
HSL	134°, 43%, 68%
HSV	134°, 33%, 82%
XYZ	39.3643, 53.4565, 39.2538
YIQ	181.9140, -24.3860, -31.6340

Conversions

Conversions Part 2

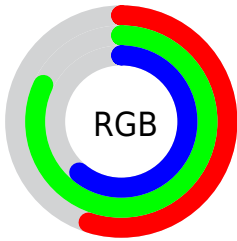
Format	Color
RYB	139, 196, 209
Decimal	9163163
CIELab	78.14, -33.09, 19.97
CIELCh	78, 38.654, 148.887
Yxy	53.4565, 0.2980, 0.4047
Android (android.graphics.Color)	4287353243 (0xFF8BD19B)
YUV	181.9140, -13.2686, -37.6356
Hunter-Lab	73.1140, -31.8456, 19.3478

Details

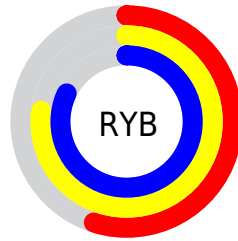
The XYZ color **39.3643, 53.4565, 39.2538** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.1545, 35.8719, 54.9981**, and the grayscale version is **44.4972, 46.8145, 50.9810**.

A 20% lighter version of the original color is **69.6410, 87.6425, 74.2190**, and **17.8920, 26.0891, 17.1894** is the 20% darker color. If you saturate the color by 10%, you get **34.9378, 51.3222, 32.4445**, and if you desaturate by 10%, it is **44.6416, 56.0115, 47.0491**.

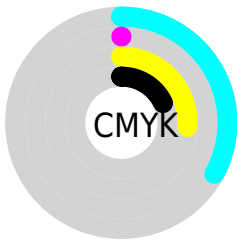
Distribution



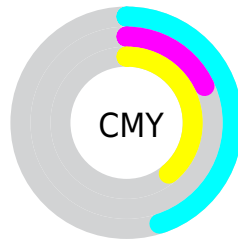
- Red (55%)
- Green (82%)
- Blue (61%)



- Red (55%)
- Yellow (77%)
- Blue (82%)



- Cyan (33%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (45%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3643, 53.4565, 39.2538 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 39.3643, 53.4565, 39.2538 by changing the saturation by 10% instead.


 39.3643, 53.4565,
39.2538


 39.3643, 53.4565,
39.2538


334.6174,
400.0341, 358.4265


 27.2252, 38.1673,
26.6479


 73.4850, 95.2758,
75.2505

 17.8799, 26.1126,
17.0788


 96.1974, 122.5746,
99.4783

 10.9630, 16.9079,
10.1282

 123.1650,
154.6455, 128.4172

 6.1091, 10.1688,
5.3773

154.7530,
191.8728, 162.4857

 2.9528, 5.5110,
2.4077

191.3269,
234.6409, 202.1024

 1.1288, 2.5501,
0.7906

233.2521,

 0.0490, 0.9017,

283.3343, 247.6857

0.0000

280.8938,
338.3372, 299.6542

■ 0.0000, 0.0000,
0.0000

■ 39.3643, 53.4565,
39.2538

■ 39.3643, 53.4565,
39.2538

■ 34.9378, 51.3222,
32.4445

■ 44.6416, 56.0115,
47.0491

■ 31.3125, 49.5794,
26.5783

■ 50.8074, 59.0014,
55.8637

■ 28.4404, 48.2057,
21.6145


■ 57.9020, 62.4476,
65.7340


■ 26.2663, 47.1735,
17.5080


■ 65.9621, 66.3686,
76.6935


■ 24.7269, 46.4513,
14.2098

■ 75.0224, 70.7813,
88.7739

 23.7469, 46.0014,
11.6658

 81.5711, 73.8749,
101.8402

 23.3304, 45.8146,
10.3853

 82.0915, 74.0831,
104.5805

Harmonies

Analogous

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



44.1126, 53.4565, 28.8604



39.3643, 53.4565, 39.2538



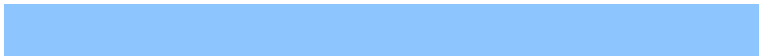
37.6308, 53.4565, 57.4010

Triad

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



39.3643, 53.4565, 39.2538



50.5273, 53.4565, 110.4635



64.6113, 53.4565, 40.3397

Complementary

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



39.3643, 53.4565, 39.2538



45.1545, 35.8719, 54.9981

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.



66.7518, 53.4565, 59.0166



39.3643, 53.4565, 39.2538



58.1505, 53.4565, 102.7324

Square

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



39.3643, 53.4565, 39.2538



43.6695, 53.4565, 101.5571



64.2808, 53.4565, 82.4443



58.6867, 53.4565, 29.3695

Rectangle

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



39.3643, 53.4565, 39.2538



38.2721, 53.4565, 72.7295



64.2808, 53.4565, 82.4443



65.8217, 53.4565, 45.7558

Sweetspot

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



39.3657, 53.4587, 39.2550



83.2758, 94.2776, 92.6547



49.6681, 58.9149, 33.1804



17.4965, 20.0200, 19.3729



0.0000, 0.0000, 0.0000



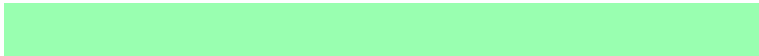
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3657, 53.4587, 39.2550



56.7645, 81.4394, 53.9653



42.6529, 54.7736, 56.5653



11.7654, 13.2499, 13.1211



14.4156, 28.2592, 6.5684



0.8371, 1.5925, 0.5311

Inverse Universe

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



45.1545, 35.8719, 54.9981



67.1521, 49.8508, 82.1927



41.7722, 34.5189, 37.1872



12.1904, 11.9609, 14.2783



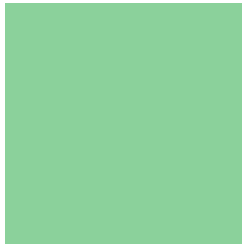
20.2303, 9.9650, 21.9168



1.1601, 0.5688, 1.3780

Previews

White Background



This preview shows how the XYZ color 39.3643, 53.4565, 39.2538 looks on a white background.

Color Contrast Check

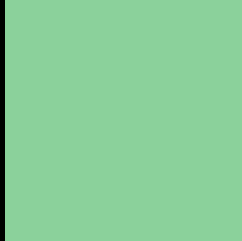
Large Text (above 18pt) WCAG AA × Fail

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 39.3643, 53.4565, 39.2538 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 39.3643, 53.4565, 39.2538

Background



This preview shows how black text looks on a background with the XYZ color 39.3643, 53.4565, 39.2538.



This preview shows how white text looks on a background with the XYZ color 39.3643, 53.4565,

39.2538.

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

39.3643, 53.4565, 39.2538

Protanopia

49.5697, 52.9277, 35.2072

Deuteranopia

53.8183, 52.7656, 40.6060



Tritanopia

46.1735, 53.3624, 73.5120

Trichromacy



Original Color

39.3643, 53.4565, 39.2538



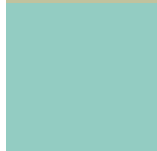
Protanomaly

44.9905, 52.5353, 36.6232



Deuteranomaly

47.2016, 52.2587, 39.9469



Tritanomaly

43.3631, 53.2838, 59.0383

Monochromacy



Original Color

39.3643, 53.4565, 39.2538



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.0219, 48.7848, 46.2313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3643, 53.4565, 39.2538 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(139, 209, 155)` looks like.

```
.text, #text, p{  
    color:rgb(139, 209, 155)  
}
```

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(139, 209, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 209, 155) }
```

Border

The CSS property to change the border of an element to XYZ 39.3643, 53.4565, 39.2538 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(139, 209, 155) }
```


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

```
.border{ border-color:rgb(139, 209, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 209, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 209, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 209, 155);  
box-shadow:4px 4px 4px 4px rgb(139, 209,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3643, 53.4565, 39.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 209, 155) }
```

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

```
.background{ background-color: rgb(139,  
209, 155) }
```

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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