

Converting Colors

XYZ(33.4198, 50.3574, 39.2159)

Have a look what the booklet for
XYZ(33.4198, 50.3574, 39.2159)
contains.

XYZ(33.5205, 50.4341, 39.4205)	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(33.5205, 50.4341,
39.4205)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD19C
RGB	95, 209, 156
RGB Percent	37%, 82%, 61%
CMY	0.6274, 0.1804, 0.3882
CMYK	0.55, 0.00, 0.25, 0.18
HSL	152°, 55%, 60%
HSV	152°, 55%, 82%
XYZ	33.5205, 50.4341, 39.4205
YIQ	168.8720, -50.9310, -40.6510

Conversions

Conversions Part 2

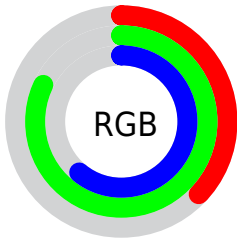
Format	Color
RYB	95, 169, 209
Decimal	6279580
CIELab	76.33, -44.74, 16.65
CIElCh	76, 47.735, 159.581
Yxy	50.4341, 0.2717, 0.4088
Android (android.graphics.Color)	4284469660 (0xFF5FD19C)
YUV	168.8720, -6.3459, -64.7857
Hunter-Lab	71.0170, -40.0265, 16.8009

Details

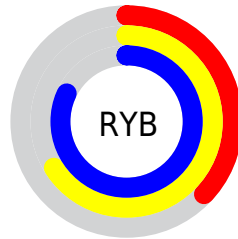
The XYZ color **33.5205, 50.4341, 39.4205** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **35.7336, 23.8790, 30.7445**, and the grayscale version is **37.6983, 39.6615, 43.1914**.

A 20% lighter version of the original color is **60.6547, 82.9955, 74.4509**, and **14.5574, 24.3641, 17.3001** is the 20% darker color. If you saturate the color by 10%, you get **30.8438, 49.1468, 35.1711**, and if you desaturate by 10%, it is **36.8481, 52.0520, 44.0463**.

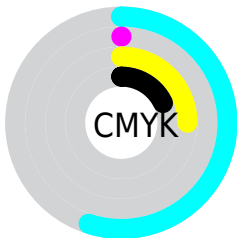
Distribution



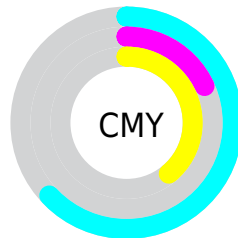
- Red (37%)
- Green (82%)
- Blue (61%)



- Red (37%)
- Yellow (66%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)





- Cyan (63%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5205, 50.4341, 39.4205 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 33.5205, 50.4341, 39.4205 by changing the saturation by 10% instead.

 33.5205, 50.4341,
39.4205


 33.5205, 50.4341,
39.4205


309.6123,
388.3611, 359.1542


 22.6866, 35.7584,
26.7767


 64.5366, 90.8177,
75.5077


 14.4817, 24.2477,
17.1746


 85.4495, 117.2945,
99.7881

 8.5404, 15.5175,
10.1958


 110.4527,
148.4737, 128.7844

 4.4973, 9.1834,
5.4217

 139.9118,
184.7399, 162.9153

 1.9872, 4.8610,
2.4337

174.1919,
226.4773, 202.5991

 0.6267, 2.1659,
0.8047

213.6584,

 0.0000, 0.7013,

274.0704, 248.2545

0.0000

258.6768,
327.9035, 300.3000

■ 0.0000, 0.0000,
0.0000

■ 33.5205, 50.4341,
39.4205

■ 33.5205, 50.4341,
39.4205

■ 30.8438, 49.1468,
35.1711

■ 36.8481, 52.0520,
44.0463

■ 28.7646, 48.1589,
31.2842

■ 40.8664, 54.0168,
49.0547

■ 27.2275, 47.4431,
27.7500

■ 45.6168, 56.3511,
54.4563

■ 26.1635, 46.9642,
24.5568

■ 51.1360, 59.0736,
60.2600

■ 25.7167, 46.7689,
22.9524

■ 57.4583, 62.2018,
66.4745

64.6157, 65.7522,
73.1081

72.6387, 69.7402,
80.1690

78.8551, 72.7882,
87.5385

80.2879, 73.3614,
95.0837

Harmonies

Analogous

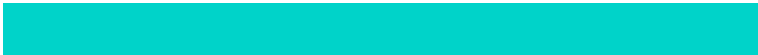
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.7645, 50.4341, 24.9631



33.5205, 50.4341, 39.4205



32.8607, 50.4341, 63.5535

Triad

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



33.5205, 50.4341, 39.4205



50.8647, 50.4341, 119.4432



62.4963, 50.4341, 29.0698

Complementary

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



33.5205, 50.4341, 39.4205



35.7336, 23.8790, 30.7445

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.



67.0344, 50.4341, 47.0955



33.5205, 50.4341, 39.4205



59.7875, 50.4341, 102.4618

Square

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



33.5205, 50.4341, 39.4205



42.1669, 50.4341, 115.4353



65.9856, 50.4341, 74.0134



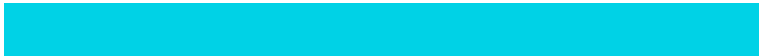
54.2089, 50.4341, 20.4107

Rectangle

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



33.5205, 50.4341, 39.4205



34.4463, 50.4341, 83.0874



65.9856, 50.4341, 74.0134



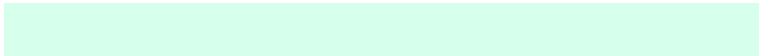
64.5550, 50.4341, 33.9601

Sweetspot

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



33.5219, 50.4361, 39.4217



78.6948, 91.9042, 92.9722



37.1166, 52.7439, 19.0514



16.4454, 19.4746, 19.4876



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.



33.5219, 50.4361, 39.4217



47.9336, 76.8681, 54.3980



38.1087, 50.7968, 68.1202



11.9169, 13.3105, 13.9190



15.9058, 28.8553, 14.4161



0.9292, 1.6294, 1.0161

Inverse Universe

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



35.7336, 23.8790, 30.7445



51.7447, 31.2110, 39.5233



32.8044, 23.2684, 13.5893



12.0342, 11.8984, 13.4557



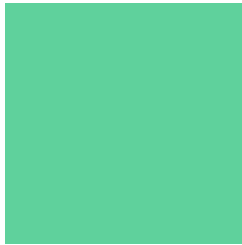
17.5964, 8.9114, 8.0468



1.0238, 0.5142, 0.6600

Previews

White Background



This preview shows how the XYZ color 33.5205, 50.4341, 39.4205 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 33.5205, 50.4341, 39.4205 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

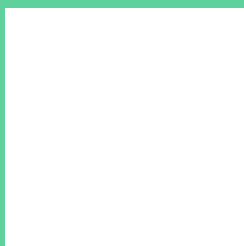
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5205, 50.4341, 39.4205

Background



This preview shows how black text looks on a background with the XYZ color 33.5205, 50.4341, 39.4205.



This preview shows how white text looks on a background with the XYZ color 33.5205, 50.4341,

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

33.5205, 50.4341, 39.4205

Protanopia

46.4343, 49.7271, 33.9390

Deuteranopia

50.5744, 49.5473, 41.0804



Tritanopia

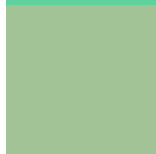
40.2211, 50.2938, 73.2334

Trichromacy



Original Color

33.5205, 50.4341, 39.4205



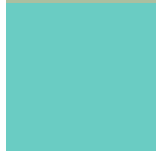
Protanomaly

39.6379, 48.7772, 35.7596



Deuteranomaly

41.7706, 48.4576, 40.4094



Tritanomaly

37.3871, 50.1900, 59.3469

Monochromacy



Original Color

33.5205, 50.4341, 39.4205



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

34.9967, 42.7121, 41.5217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5205, 50.4341, 39.4205 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(95, 209, 156)` looks like.

```
.text, #text, p{  
    color:rgb(95, 209, 156)  
}
```

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(95, 209, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 156) }
```

Border

The CSS property to change the border of an element to XYZ 33.5205, 50.4341, 39.4205 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(95, 209, 156) }
```


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

```
.border{ border-color:rgb(95, 209, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 209, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 156);  
box-shadow:4px 4px 4px 4px rgb(95, 209,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5205, 50.4341, 39.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 156) }
```

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

```
.background{ background-color: rgb(95, 209,  
156) }
```

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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