

Converting Colors

XYZ(38.2167, 59.4986, 53.3368)

Have a look what the booklet for
XYZ(38.2167, 59.4986, 53.3368)
contains.

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Color

**XYZ(38.1935, 59.5033,
53.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	44E3B5
RGB	68, 227, 181
RGB Percent	27%, 89%, 71%
CMY	0.7333, 0.1098, 0.2902
CMYK	0.70, 0.00, 0.20, 0.11
HSL	163°, 74%, 58%
HSV	163°, 70%, 89%
XYZ	38.1935, 59.5033, 53.1883
YIQ	174.2150, -79.9980, -48.0140

Conversions

Conversions Part 2

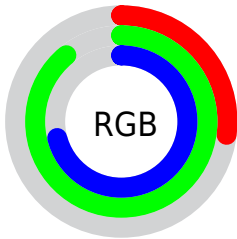
Format	Color
RYB	68, 161, 227
Decimal	4514741
CIELab	81.57, -51.58, 10.71
CIELCh	82, 52.682, 168.274
Yxy	59.5033, 0.2531, 0.3944
Android (android.graphics.Color)	4282704821 (0xFF44E3B5)
YUV	174.2150, 3.3450, -93.1506
Hunter-Lab	77.1384, -46.6115, 13.1153

Details

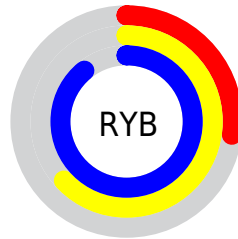
The XYZ color **38.1935, 59.5033, 53.1883** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **36.7850, 21.6817, 18.1684**, and the grayscale version is **40.3572, 42.4589, 46.2378**.

A 20% lighter version of the original color is **61.0377, 82.7853, 92.8829**, and **18.4592, 30.6843, 25.3718** is the 20% darker color. If you saturate the color by 10%, you get **36.2482, 58.5780, 49.6628**, and if you desaturate by 10%, it is **40.7864, 60.7618, 56.9126**.

Distribution



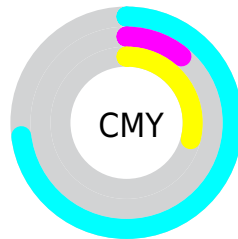
- Red (27%)
- Green (89%)
- Blue (71%)



- Red (27%)
- Yellow (63%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (73%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1935, 59.5033, 53.1883 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 38.1935, 59.5033, 53.1883 by changing the saturation by 10% instead.


 38.1935, 59.5033,
53.1883


 38.1935, 59.5033,
53.1883


329.7158,
422.7645, 416.0939


 26.3108, 43.0184,
37.5644


 71.7066, 104.1088,
96.3257


 17.1902, 29.8996,
25.3455

 94.0677, 132.9982,
124.6763

 10.4663, 19.7624,
16.1133


 120.6524,
166.7912, 158.1062

 5.7739, 12.2224,
9.4492

 151.8259,
205.8723, 197.0339

 2.7474, 6.8953,
4.9345

187.9536,
250.6257, 241.8780

 1.0216, 3.3967,
2.1508

229.4010,

 0.0000, 1.3422,

301.4360, 293.0570

0.6458

276.5333,
358.6875, 350.9895

■ 0.0000, 0.1735,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.1935, 59.5033,
53.1883

■ 38.1935, 59.5033,
53.1883

■ 36.2482, 58.5780,
49.6628

■ 40.7864, 60.7618,
56.9126


■ 34.8699, 57.9399,
46.3262

■ 44.0857, 62.3792,
60.8367


■ 33.9319, 57.5249,
43.1840


■ 48.1489, 64.3866,
64.9668


■ 53.0261, 66.8099,
69.3075

 58.7629, 69.6724,
73.8628

 65.4017, 72.9961,
78.6368

 72.9819, 76.8011,
83.6335

 81.5406, 81.1065,
88.8565

 84.4549, 82.4981,
93.9978

Harmonies

Analogous

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



42.1301, 59.5033, 32.1328



38.1935, 59.5033, 53.1883



38.6791, 59.5033, 85.8109

Triad

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



38.1935, 59.5033, 53.1883



63.4857, 59.5033, 141.4833



71.9148, 59.5033, 29.1502

Complementary

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



38.1935, 59.5033, 53.1883



36.7850, 21.6817, 18.1684

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.



79.2346, 59.5033, 47.5155



38.1935, 59.5033, 53.1883



73.9482, 59.5033, 114.3349

Square

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



38.1935, 59.5033, 53.1883



52.3454, 59.5033, 144.5335



80.0238, 59.5033, 77.9645



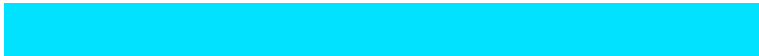
60.9868, 59.5033, 21.5962

Rectangle

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



38.1935, 59.5033, 53.1883



41.4573, 59.5033, 110.2806



80.0238, 59.5033, 77.9645



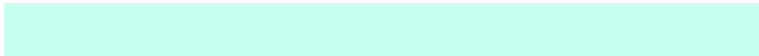
74.9369, 59.5033, 33.9257

Sweetspot

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



38.1951, 59.5056, 53.1897



75.6235, 90.2620, 95.4908



35.6771, 59.0505, 14.9874



15.7252, 19.0893, 20.0820



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.



38.1951, 59.5056, 53.1897



46.2951, 75.8388, 62.6659



35.8109, 45.8973, 79.6473



14.6204, 16.2616, 17.5316



19.8414, 33.5687, 25.4629



1.5060, 2.4965, 2.0912

Inverse Universe

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



36.7850, 21.6817, 18.1684



44.4629, 23.8068, 15.0242



37.2619, 25.8261, 8.4910



14.5476, 14.4362, 15.8182



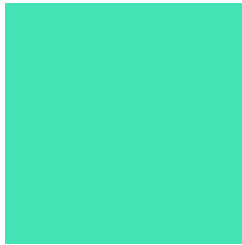
19.0869, 9.7690, 4.0866



1.4497, 0.7376, 0.5088

Previews

White Background



This preview shows how the XYZ color 38.1935, 59.5033, 53.1883 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 38.1935, 59.5033, 53.1883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

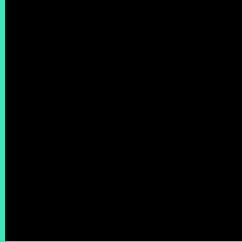
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

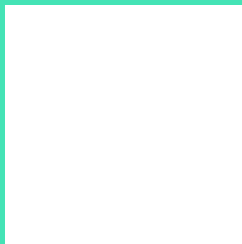
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1935, 59.5033, 53.1883

Background



This preview shows how black text looks on a background with the XYZ color 38.1935, 59.5033, 53.1883.

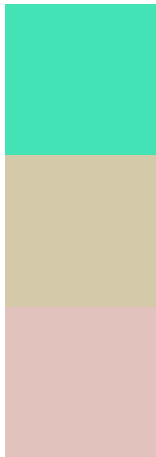


This preview shows how white text looks on a background with the XYZ color 38.1935, 59.5033,

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

38.1935, 59.5033, 53.1883

Protanopia

55.1059, 58.5975, 45.4518

Deuteranopia

59.4202, 58.2220, 55.6831



Tritanopia

45.2337, 59.1571, 89.1552

Trichromacy



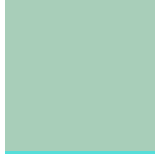
Original Color

38.1935, 59.5033, 53.1883



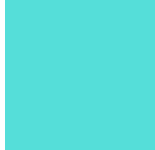
Protanomaly

45.0866, 56.5839, 48.0806



Deuteranomaly

46.9767, 55.9702, 54.2263



Tritanomaly

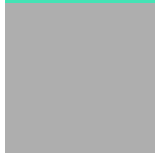
42.3920, 59.1836, 74.8349

Monochromacy



Original Color

38.1935, 59.5033, 53.1883



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

36.9974, 46.4651, 48.6137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1935, 59.5033, 53.1883 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(68, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(68, 227, 181)  
}
```

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(68, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 227, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.1935, 59.5033, 53.1883 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(68, 227, 181) }
```


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

```
.border{ border-color:rgb(68, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(68, 227,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1935, 59.5033, 53.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 227, 181) }
```

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

```
.background{ background-color: rgb(68, 227,  
181) }
```

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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