

Converting Colors

XYZ(38.7903, 63.9780, 54.5605)

Have a look what the booklet for
XYZ(38.7903, 63.9780, 54.5605)
contains.

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Color

**XYZ(38.7903, 63.9780,
54.5605)**

Conversions

Conversions Part 1

Format	Color
Hex	05EDB6
RGB	5, 237, 182
RGB Percent	2%, 93%, 71%
CMY	0.9802, 0.0706, 0.2863
CMYK	0.98, 0.00, 0.23, 0.07
HSL	166°, 96%, 47%
HSV	166°, 98%, 93%
XYZ	38.7903, 63.9780, 54.5605
YIQ	161.3620, -120.6170, -66.2890

Conversions

Conversions Part 2

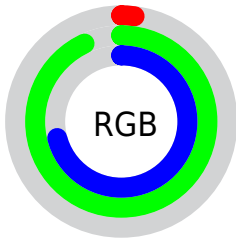
Format	Color
RYB	5, 137, 237
Decimal	388534
CIELab	83.95, -59.96, 13.48
CIELCh	84, 61.456, 167.330
Yxy	63.9780, 0.2466, 0.4067
Android (android.graphics.Color)	4278578614 (0xFF05EDB6)
YUV	161.3620, 10.1745, -137.1295
Hunter-Lab	79.9862, -53.4102, 15.5473

Details

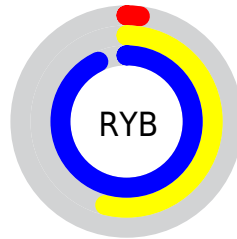
The XYZ color **38.7903, 63.9780, 54.5605** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **35.7977, 18.4413, 5.9536**, and the grayscale version is **34.0454, 35.8185, 39.0063**.

A 20% lighter version of the original color is **57.8747, 81.1378, 93.4998**, and **20.2837, 34.2275, 26.3064** is the 20% darker color. If you saturate the color by 10%, you get **38.6059, 63.8988, 53.9112**, and if you desaturate by 10%, it is **39.8210, 64.4425, 57.7033**.

Distribution



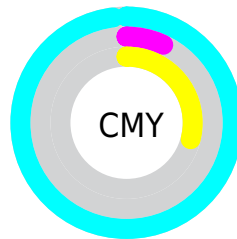
- Red (2%)
- Green (93%)
- Blue (71%)



- Red (2%)
- Yellow (54%)
- Blue (93%)



- Cyan (98%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)





- Cyan (98%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7903, 63.9780, 54.5605 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 38.7903, 63.9780, 54.5605 by changing the saturation by 10% instead.


 38.7903, 63.9780,
54.5605


 38.7903, 63.9780,
54.5605


332.2206,
439.1102, 421.4787


 26.7766, 46.6329,
38.6537


 72.6140, 110.5793,
98.3614


 17.5412, 32.7455,
26.1847


 95.1547, 140.6041,
127.0926

 10.7188, 21.9316,
16.7349


 121.9351,
175.6244, 160.9357

 5.9440, 13.8066,
9.8857

 153.3207,
216.0245, 200.3093

 2.8514, 7.9863,
5.2186

 189.6766,
262.1887, 245.6318

 1.0757, 4.0862,
2.3151

231.3684,

 0.0046, 1.7219,

314.5014, 297.3219

0.7397

278.7613,
373.3471, 355.7980

■ 0.0000, 0.4378,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.7903, 63.9780,
54.5605

■ 38.7903, 63.9780,
54.5605

■ 38.6059, 63.8988,
53.9112

■ 39.8210, 64.4425,
57.7033

■ 41.3768, 65.1734,
60.9923

■ 43.5697, 66.2299,
64.4356

■ 46.4802, 67.6536,
68.0382

■ 50.1768, 69.4797,
71.8047

■ 54.7200, 71.7394,
75.7393

■ 60.1640, 74.4606,
79.8456

■ 66.5585, 77.6690,
84.1274

■ 73.9496, 81.3882,
88.5879

Harmonies

Analogous

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



43.6126, 63.9780, 30.3751



38.7903, 63.9780, 54.5605



39.1975, 63.9780, 94.3018

Triad

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



38.7903, 63.9780, 54.5605



68.8945, 63.9780, 167.7686



80.2062, 63.9780, 27.9772

Complementary

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



38.7903, 63.9780, 54.5605



35.7977, 18.4413, 5.9536

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.



89.1857, 63.9780, 49.7367



38.7903, 63.9780, 54.5605



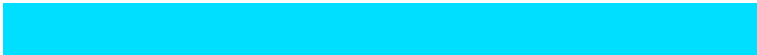
82.0191, 63.9780, 133.3640

Square

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



38.7903, 63.9780, 54.5605



55.2784, 63.9780, 170.6023



89.8945, 63.9780, 87.3188



66.6971, 63.9780, 19.3148

Rectangle

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



38.7903, 63.9780, 54.5605



42.3759, 63.9780, 125.3304



89.8945, 63.9780, 87.3188



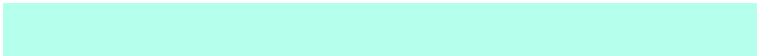
83.9362, 63.9780, 33.5373

Sweetspot

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



38.7920, 63.9805, 54.5620



70.1820, 87.4915, 93.6663



32.3648, 61.6393, 10.3365



14.4165, 18.4240, 19.6010



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.



38.7920, 63.9805, 54.5620



45.5579, 75.4392, 63.5152



31.4724, 38.3925, 85.8753



15.3561, 17.0572, 18.5578



21.1302, 34.9066, 29.7145



1.6960, 2.7557, 2.5269

Inverse Universe

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



35.7977, 18.4413, 5.9536



42.0679, 21.5912, 6.2898



36.7331, 21.5747, 2.3730



15.2118, 15.1126, 16.4009



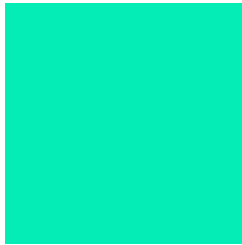
19.5025, 10.0037, 3.1817



1.5680, 0.8002, 0.4424

Previews

White Background



This preview shows how the XYZ color 38.7903, 63.9780, 54.5605 looks on a white background.

Color Contrast Check

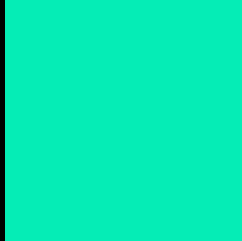
Large Text (above 18pt) WCAG AA × Fail

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 38.7903, 63.9780, 54.5605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

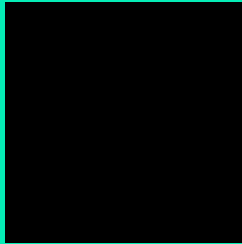
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

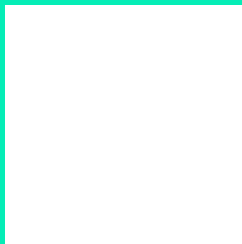
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7903, 63.9780, 54.5605

Background



This preview shows how black text looks on a background with the XYZ color 38.7903, 63.9780, 54.5605.

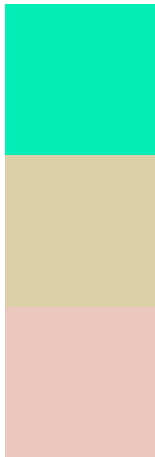


This preview shows how white text looks on a background with the XYZ color 38.7903, 63.9780,

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

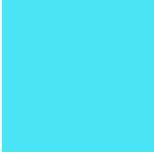
38.7903, 63.9780, 54.5605

Protanopia

58.8031, 62.6313, 45.5490

Deuteranopia

63.8802, 62.5187, 57.4157



Tritanopia

47.3559, 63.6581, 97.7870

Trichromacy



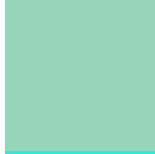
Original Color

38.7903, 63.9780, 54.5605



Protanomaly

43.6731, 58.8721, 48.0914



Deuteranomaly

45.5264, 57.7557, 55.7622



Tritanomaly

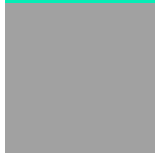
43.1618, 63.1325, 79.7230

Monochromacy



Original Color

38.7903, 63.9780, 54.5605



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.0679, 42.2028, 44.0446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7903, 63.9780, 54.5605 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(5, 237, 182)` looks like.

```
.text, #text, p{  
    color:rgb(5, 237, 182)  
}
```

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(5, 237, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 237, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.7903, 63.9780, 54.5605 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(5, 237, 182) }
```


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

```
.border{ border-color:rgb(5, 237, 182) }
```

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

Here you see how a box with a 4 pixel rgb(5, 237, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 237, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 237, 182);  
box-shadow:4px 4px 4px 4px rgb(5, 237,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7903, 63.9780, 54.5605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 237, 182) }
```

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

```
.background{ background-color: rgb(5, 237,  
182) }
```

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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