

Converting Colors

XYZ(38.9403, 54.1232, 43.6842)

Have a look what the booklet for
XYZ(38.9403, 54.1232, 43.6842)
contains.

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Color

**XYZ(38.9967, 54.2793,
43.5436)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD4A4
RGB	127, 212, 164
RGB Percent	50%, 83%, 64%
CMY	0.5020, 0.1686, 0.3569
CMYK	0.40, 0.00, 0.23, 0.17
HSL	146°, 50%, 66%
HSV	146°, 40%, 83%
XYZ	38.9967, 54.2793, 43.5436
YIQ	181.1130, -35.2520, -32.9480

Conversions

Conversions Part 2

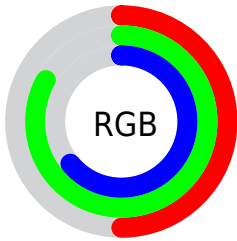
Format	Color
RYB	127, 186, 212
Decimal	8377508
CIELab	78.62, -36.33, 15.79
CIELCh	79, 39.613, 156.501
Yxy	54.2793, 0.2850, 0.3967
Android (android.graphics.Color)	4286567588 (0xFF7FD4A4)
YUV	181.1130, -8.4367, -47.4571
Hunter-Lab	73.6745, -34.4484, 16.5302

Details

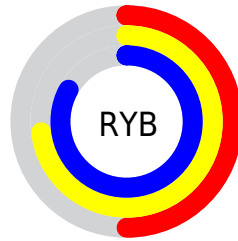
The XYZ color **38.9967, 54.2793, 43.5436** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.4804, 32.2721, 44.5496**, and the grayscale version is **44.0411, 46.3347, 50.4585**.

A 20% lighter version of the original color is **68.0746, 86.7018, 80.1650**, and **17.6541, 26.6615, 19.5450** is the 20% darker color. If you saturate the color by 10%, you get **35.1347, 52.4089, 37.9827**, and if you desaturate by 10%, it is **43.6277, 56.5373, 49.6742**.

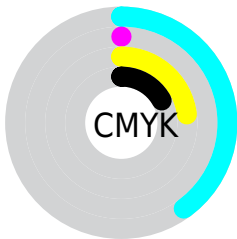
Distribution



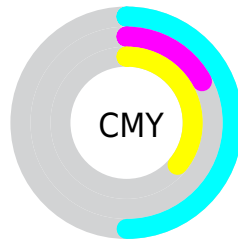
- Red (50%)
- Green (83%)
- Blue (64%)



- Red (50%)
- Yellow (73%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)





- Cyan (50%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9967, 54.2793, 43.5436 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 38.9967, 54.2793, 43.5436 by changing the saturation by 10% instead.

 38.9967, 54.2793,
43.5436

 38.9967, 54.2793,
43.5436


333.0839,
403.1742, 376.8293


 26.9379, 38.8250,
29.9773


 72.9274, 96.4842,
81.8257

 17.6629, 26.6236,
19.5695


 95.5299, 124.0036,
107.3785

 10.8065, 17.2908,
11.9015


 122.3778,
156.3135, 137.7640

 6.0032, 10.4420,
6.5549

153.8363,
193.7983, 173.4006

 2.8877, 5.6930,
3.1112

190.2708,
236.8424, 214.7069

 1.0947, 2.6593,
1.1517

232.0467,

 0.0206, 0.9566,

285.8301, 262.1014

0.0000

279.5292,
341.1459, 316.0027

■ 0.0000, 0.0000,
0.0000

■ 38.9967, 54.2793,
43.5436

■ 38.9967, 54.2793,
43.5436

■ 35.1347, 52.4089,
37.9827

■ 43.6277, 56.5373,
49.6742

■ 31.9925, 50.8968,
32.9711

■ 49.0645, 59.1971,
56.3868

■ 29.5220, 49.7197,
28.4924


■ 55.3464, 62.2802,
63.6979


■ 27.6665, 48.8490,
24.5281


■ 62.5091, 65.8048,
71.6221


■ 26.3596, 48.2507,
21.0583

■ 70.5859, 69.7876,
80.1736

 25.4886, 47.8666,
18.0858

 79.6087, 74.2449,
89.3662

 81.6979, 75.1143,
98.8428

 82.8345, 75.5690,
104.8282

Harmonies

Analogous

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



43.1557, 54.2793, 30.8097



38.9967, 54.2793, 43.5436



38.0502, 54.2793, 64.1108

Triad

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



38.9967, 54.2793, 43.5436



53.3117, 54.2793, 113.0242



64.6423, 54.2793, 37.0130

Complementary

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



38.9967, 54.2793, 43.5436



42.4804, 32.2721, 44.5496

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.



68.0140, 54.2793, 54.3591



38.9967, 54.2793, 43.5436



61.0592, 54.2793, 100.9011

Square

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



38.9967, 54.2793, 43.5436



45.8262, 54.2793, 108.0257



66.6408, 54.2793, 77.9820



57.8197, 54.2793, 27.7589

Rectangle

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



38.9967, 54.2793, 43.5436



39.2736, 54.2793, 80.4677



66.6408, 54.2793, 77.9820



66.2467, 54.2793, 41.8969

Sweetspot

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



38.9982, 54.2815, 43.5448



82.0161, 93.5879, 94.4147



45.0927, 57.7549, 28.8505



17.2767, 19.8951, 19.8889



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.



38.9982, 54.2815, 43.5448



54.2199, 80.0141, 58.9734



43.4787, 56.0738, 67.1393



12.4846, 13.9849, 14.3666



15.7831, 29.5686, 11.4193



0.9931, 1.7999, 0.9053

Inverse Universe

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



42.4804, 32.2721, 44.5496



60.2005, 42.1768, 60.6722



38.9529, 30.8612, 25.9742



12.7140, 12.5371, 14.4344



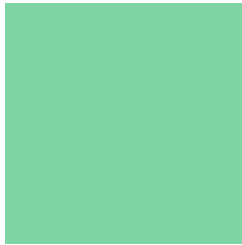
18.8955, 9.4945, 12.0197



1.1809, 0.5892, 0.9421

Previews

White Background



This preview shows how the XYZ color 38.9967, 54.2793, 43.5436 looks on a white background.

Color Contrast Check

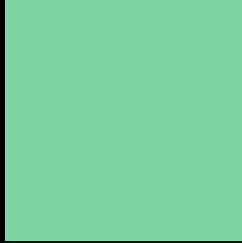
Large Text (above 18pt) WCAG AA × Fail

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 38.9967, 54.2793, 43.5436 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

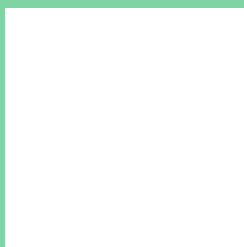
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9967, 54.2793, 43.5436

Background



This preview shows how black text looks on a background with the XYZ color 38.9967, 54.2793, 43.5436.

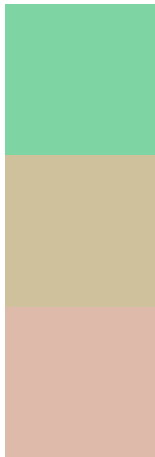


This preview shows how white text looks on a background with the XYZ color 38.9967, 54.2793,

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

38.9967, 54.2793, 43.5436

Protanopia

50.4400, 53.6283, 38.7032

Deuteranopia

54.5391, 53.3545, 44.9600



Tritanopia

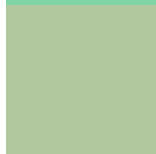
45.4592, 53.9816, 76.4302

Trichromacy



Original Color

38.9967, 54.2793, 43.5436



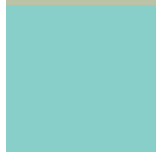
Protanomaly

44.9573, 53.1243, 40.2323



Deuteranomaly

46.9837, 52.3850, 44.1942



Tritanomaly

42.7298, 53.9467, 62.8042

Monochromacy



Original Color

38.9967, 54.2793, 43.5436



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.2854, 48.3715, 47.7181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9967, 54.2793, 43.5436 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(127, 212, 164)` looks like.

```
.text, #text, p{  
    color:rgb(127, 212, 164)  
}
```

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(127, 212, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 212, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.9967, 54.2793, 43.5436 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(127, 212, 164) }
```


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

```
.border{ border-color:rgb(127, 212, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 212, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 212, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 212, 164);  
box-shadow:4px 4px 4px 4px rgb(127, 212,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9967, 54.2793, 43.5436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 212, 164) }
```

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

```
.background{ background-color: rgb(127,  
212, 164) }
```

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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