

Converting Colors

XYZ(38.0762, 53.4783, 41.6041)

Have a look what the booklet for
XYZ(38.0762, 53.4783, 41.6041)
contains.

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Color

**XYZ(38.0969, 53.4866,
41.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD3A0
RGB	125, 211, 160
RGB Percent	49%, 83%, 63%
CMY	0.5098, 0.1725, 0.3725
CMYK	0.41, 0.00, 0.24, 0.17
HSL	144°, 49%, 66%
HSV	144°, 41%, 83%
XYZ	38.0969, 53.4866, 41.5737
YIQ	179.4720, -34.8850, -34.0930

Conversions

Conversions Part 2

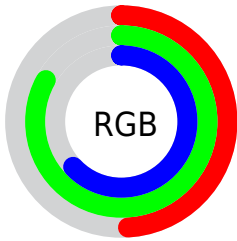
Format	Color
RYB	125, 186, 211
Decimal	8246176
CIELab	78.16, -37.21, 17.25
CIELCh	78, 41.018, 155.126
Yxy	53.4866, 0.2861, 0.4017
Android (android.graphics.Color)	4286436256 (0xFF7DD3A0)
YUV	179.4720, -9.5997, -47.7719
Hunter-Lab	73.1345, -35.0020, 17.4905

Details

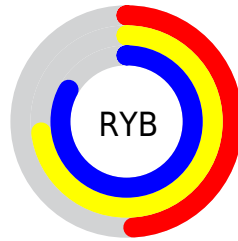
The XYZ color **38.0969, 53.4866, 41.5737** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.0359, 31.6520, 44.9704**, and the grayscale version is **43.1639, 45.4118, 49.4534**.

A 20% lighter version of the original color is **67.0818, 86.2501, 77.4023**, and **17.1210, 26.1617, 18.3347** is the 20% darker color. If you saturate the color by 10%, you get **34.2977, 51.6497, 35.9669**, and if you desaturate by 10%, it is **42.6635, 55.7093, 47.7940**.

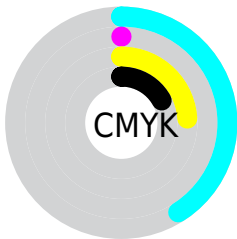
Distribution



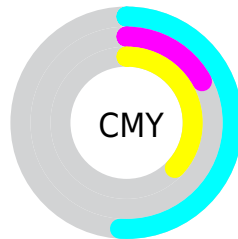
- Red (49%)
- Green (83%)
- Blue (63%)



- Red (49%)
- Yellow (73%)
- Blue (83%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)





- Cyan (51%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0969, 53.4866, 41.5737 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 38.0969, 53.4866, 41.5737 by changing the saturation by 10% instead.


 38.0969, 53.4866,
41.5737


 38.0969, 53.4866,
41.5737


329.3091,
400.1492, 368.4601


 26.2355, 38.1914,
28.4446


 71.5596, 95.3200,
78.8171

 17.1335, 26.1312,
18.4191


 93.8915, 122.6270,
103.7685

 10.4256, 16.9219,
11.0787


 120.4444,
154.7066, 133.4977

 5.7465, 10.1788,
6.0050

151.5834,
191.9434, 168.4233

 2.7307, 5.5177,
2.7793

187.6741,
234.7216, 208.9638

 1.0130, 2.5541,
0.9831

229.0817,

 0.0000, 0.9036,

283.4258, 255.5377

0.0000

276.1716,
338.4402, 308.5636

■ 0.0000, 0.0000,
0.0000

■ 38.0969, 53.4866,
41.5737

■ 38.0969, 53.4866,
41.5737

■ 34.2977, 51.6497,
35.9669

■ 42.6635, 55.7093,
47.7940

■ 31.2165, 50.1691,
30.9509

■ 48.0345, 58.3321,
54.6422

■ 28.8047, 49.0217,
26.5067


■ 54.2493, 61.3766,
62.1369


■ 27.0055, 48.1785,
22.6132


■ 61.3438, 64.8607,
70.2948


■ 25.7517, 47.6053,
19.2475

■ 69.3515, 68.8015,
79.1320

 24.9698, 47.2604,
16.5830

 78.3042, 73.2151,
88.6638

 81.4157, 74.6027,
98.5864

 82.5853, 75.0705,
104.7451

Harmonies

Analogous

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



42.4747, 53.4866, 29.0809



38.0969, 53.4866, 41.5737



36.9792, 53.4866, 62.2714

Triad

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



38.0969, 53.4866, 41.5737



52.2270, 53.4866, 114.1955



64.5145, 53.4866, 36.3527

Complementary

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



38.0969, 53.4866, 41.5737



42.0359, 31.6520, 44.9704

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.



67.7861, 53.4866, 54.3823



38.0969, 53.4866, 41.5737



60.2315, 53.4866, 102.3160

Square

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



38.0969, 53.4866, 41.5737



44.6259, 53.4866, 108.1663



66.1421, 53.4866, 78.8484



57.6001, 53.4866, 26.6686

Rectangle

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



38.0969, 53.4866, 41.5737



38.1205, 53.4866, 79.0637



66.1421, 53.4866, 78.8484



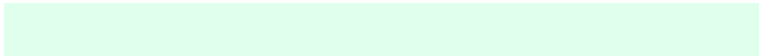
66.1080, 53.4866, 41.4334

Sweetspot

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



38.0983, 53.4888, 41.5749



81.8892, 93.5371, 93.7468



45.0383, 57.3719, 28.1028



17.2469, 19.8832, 19.7320



0.0000, 0.0000, 0.0000



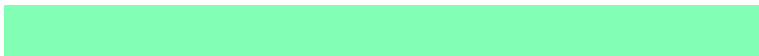
20.3446, 21.4041, 23.3091

Same Dimension

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



38.0983, 53.4888, 41.5749



53.3039, 79.6019, 56.2177



42.4616, 55.2341, 64.5514



11.8529, 13.2849, 13.5816



15.1166, 28.5396, 10.2599



0.8841, 1.6113, 0.7786

Inverse Universe

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



42.0359, 31.6520, 44.9704



60.1463, 41.6054, 62.0815



38.4744, 30.2274, 26.2157



12.0987, 11.9242, 13.7956



18.5034, 9.2742, 12.8227



1.0734, 0.5341, 0.9214

Previews

White Background



This preview shows how the XYZ color 38.0969, 53.4866, 41.5737 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 38.0969, 53.4866, 41.5737 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

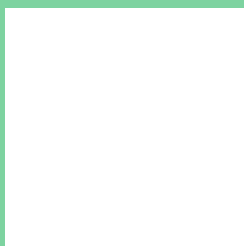
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0969, 53.4866, 41.5737

Background



This preview shows how black text looks on a background with the XYZ color 38.0969, 53.4866, 41.5737.

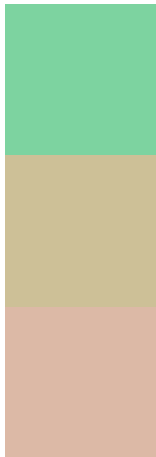


This preview shows how white text looks on a background with the XYZ color 38.0969, 53.4866,

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

38.0969, 53.4866, 41.5737

Protanopia

49.6124, 52.9128, 36.8765

Deuteranopia

53.7471, 52.6667, 43.4093



Tritanopia

44.7896, 53.3153, 74.9481

Trichromacy



Original Color

38.0969, 53.4866, 41.5737



Protanomaly

44.1607, 52.4100, 38.3605



Deuteranomaly

46.0002, 51.5782, 42.6531



Tritanomaly

42.0959, 53.2882, 61.4930

Monochromacy



Original Color

38.0969, 53.4866, 41.5737



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.3753, 47.6111, 46.0916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0969, 53.4866, 41.5737 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(125, 211, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 211, 160)  
}
```

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(125, 211, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 211, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.0969, 53.4866, 41.5737 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(125, 211, 160) }
```


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

```
.border{ border-color:rgb(125, 211, 160) }
```

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

Here you see how a box with a 4 pixel rgb(125, 211, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 211, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 211, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 211,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0969, 53.4866, 41.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 211, 160) }
```

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

```
.background{ background-color: rgb(125,  
211, 160) }
```

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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