

Converting Colors

XYZ(39.0052, 53.6974, 29.9336)

Have a look what the booklet for
XYZ(39.0052, 53.6974, 29.9336)
contains.

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Color

**XYZ(38.9974, 53.8429,
29.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	92D283
RGB	146, 210, 131
RGB Percent	57%, 82%, 51%
CMY	0.4274, 0.1765, 0.4863
CMYK	0.30, 0.00, 0.38, 0.18
HSL	109°, 47%, 67%
HSV	109°, 38%, 82%
XYZ	38.9974, 53.8429, 29.8101
YIQ	181.8580, -12.7850, -38.1370

Conversions

Conversions Part 2

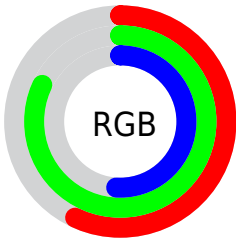
Format	Color
RYB	131, 210, 195
Decimal	9622147
CIELab	78.37, -35.23, 32.84
CIElCh	78, 48.163, 137.011
Yxy	53.8429, 0.3180, 0.4390
Android (android.graphics.Color)	4287812227 (0xFF92D283)
YUV	181.8580, -25.0730, -31.4475
Hunter-Lab	73.3777, -33.5452, 27.2775

Details

The XYZ color **38.9974, 53.8429, 29.8101** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **42.2573, 32.4895, 65.0196**, and the grayscale version is **44.5244, 46.8432, 51.0122**.

A 20% lighter version of the original color is **68.8741, 87.5793, 59.1734**, and **17.6835, 26.3490, 11.7433** is the 20% darker color. If you saturate the color by 10%, you get **34.9136, 51.8873, 22.9275**, and if you desaturate by 10%, it is **43.8226, 56.1505, 38.2354**.

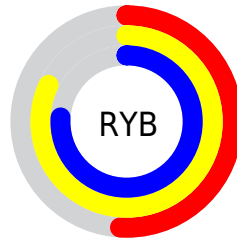
Distribution



Red (57%)

Green (82%)

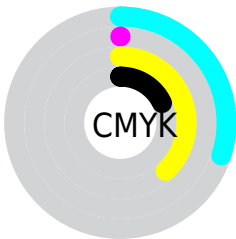
Blue (51%)



Red (51%)

Yellow (82%)

Blue (76%)

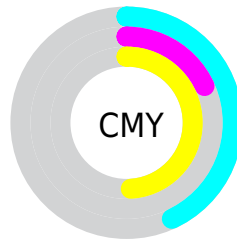


Cyan (30%)

Magenta (0%)

Yellow (38%)

Black (18%)



Cyan (43%)


Magenta (18%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9974, 53.8429, 29.8101 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 38.9974, 53.8429, 29.8101 by changing the saturation by 10% instead.


 38.9974, 53.8429,
29.8101


 38.9974, 53.8429,
29.8101


333.0868,
401.5107, 315.1980


 26.9384, 38.4761,
19.4437


 72.9284, 95.8435,
60.4192

 17.6633, 26.3524,
11.8112


 95.5312, 123.2461,
81.4989

 10.8068, 17.0875,
6.4943


 122.3793,
155.4295, 106.9868

 6.0034, 10.2969,
3.0743

153.8380,
192.7779, 137.3015

 2.8878, 5.5962,
1.1327

190.2728,
235.6758, 172.8613

 1.0947, 2.6012,
0.0000

232.0490,

 0.0207, 0.9272,

284.5077, 214.0850

0.0000

279.5318,
339.6578, 261.3911

■ 0.0000, 0.0000,
0.0000

■ 38.9974, 53.8429,
29.8101

■ 38.9974, 53.8429,
29.8101

■ 34.9136, 51.8873,
22.9275

■ 43.8226, 56.1505,
38.2354

■ 31.5296, 50.2597,
17.4908

■ 49.4197, 58.8193,
48.2854

■ 28.8063, 48.9435,
13.3978


■ 55.8225, 61.8665,
60.0404


■ 26.6983, 47.9181,
10.5314


■ 63.0616, 65.3063,
73.5745

■ 25.1545, 47.1599,
8.7543

■ 71.1658, 69.1521,
88.9572

 24.1103, 46.6400,
7.8753

 79.8382, 73.2869,
104.5456

 23.9177, 46.5439,
7.7233

 82.3377, 74.5754,
104.6626

Harmonies

Analogous

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



46.0401, 53.8429, 21.6043



38.9974, 53.8429, 29.8101



35.4280, 53.8429, 47.6853

Triad

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



38.9974, 53.8429, 29.8101



47.1979, 53.8429, 125.3937



70.6015, 53.8429, 44.6761

Complementary

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



38.9974, 53.8429, 29.8101



42.2573, 32.4895, 65.0196

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.



71.0114, 53.8429, 71.1233



38.9974, 53.8429, 29.8101



56.6805, 53.8429, 123.8305

Square

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



38.9974, 53.8429, 29.8101



39.7548, 53.8429, 105.5484



65.6580, 53.8429, 101.7713



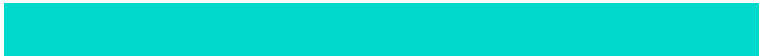
64.5988, 53.8429, 28.1945

Rectangle

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



38.9974, 53.8429, 29.8101



35.1709, 53.8429, 65.2125



65.6580, 53.8429, 101.7713



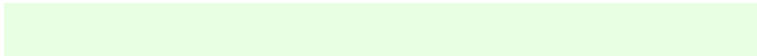
71.4218, 53.8429, 52.4982

Sweetspot

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



38.9988, 53.8452, 29.8113



82.9863, 94.2652, 86.4580



50.0137, 54.0155, 29.2636



17.4680, 20.0365, 17.9641



0.0000, 0.0000, 0.0000



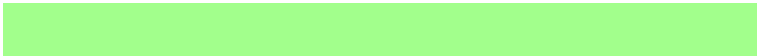
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9988, 53.8452, 29.8113



55.4195, 81.1059, 37.6418



38.2996, 53.2775, 39.1447



11.8628, 13.3127, 12.5564



14.6522, 28.4225, 4.7138



0.8830, 1.6221, 0.2666

Inverse Universe

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



42.2573, 32.4895, 65.0196



61.1392, 43.4092, 99.7642



43.5915, 33.4936, 50.7913



12.0816, 11.8909, 14.9021



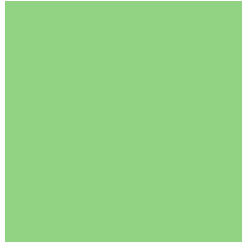
17.3060, 8.1018, 37.8442



1.0257, 0.4829, 2.1187

Previews

White Background



This preview shows how the XYZ color 38.9974, 53.8429, 29.8101 looks on a white background.

Color Contrast Check

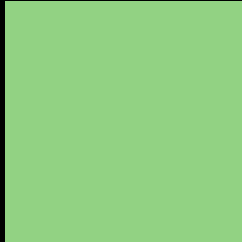
Large Text (above 18pt) WCAG AA × Fail

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 38.9974, 53.8429, 29.8101 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 38.9974, 53.8429, 29.8101

Background



This preview shows how black text looks on a background with the XYZ color 38.9974, 53.8429, 29.8101.

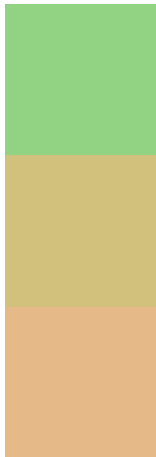


This preview shows how white text looks on a background with the XYZ color 38.9974, 53.8429,

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

38.9974, 53.8429, 29.8101

Protanopia

49.2864, 53.2968, 26.7584

Deuteranopia

54.4974, 53.3271, 31.0877



Tritanopia

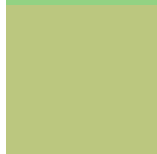
47.7469, 53.8435, 72.8421

Trichromacy



Original Color

38.9974, 53.8429, 29.8101



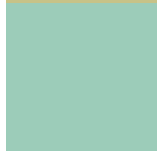
Protanomaly

44.7477, 52.9439, 27.9394



Deuteranomaly

47.2181, 52.4750, 30.5617



Tritanomaly

44.0601, 53.7564, 53.9528

Monochromacy



Original Color

38.9974, 53.8429, 29.8101



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

41.8227, 48.7786, 41.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9974, 53.8429, 29.8101 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(146, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(146, 210, 131)  
}
```

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(146, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 210, 131) }
```

Border

The CSS property to change the border of an element to XYZ 38.9974, 53.8429, 29.8101 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(146, 210, 131) }
```


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

```
.border{ border-color:rgb(146, 210, 131) }
```

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

Here you see how a box with a 4 pixel rgb(146, 210, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 210, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 210, 131);  
box-shadow:4px 4px 4px 4px rgb(146, 210,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9974, 53.8429, 29.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 210, 131) }
```

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

```
.background{ background-color: rgb(146,  
210, 131) }
```

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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