

Converting Colors

XYZ(38.5808, 53.9352, 32.7658)

Have a look what the booklet for
XYZ(38.5808, 53.9352, 32.7658)
contains.

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Color

**XYZ(38.6019, 53.9416,
32.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD38B
RGB	139, 211, 139
RGB Percent	55%, 83%, 55%
CMY	0.4549, 0.1725, 0.4549
CMYK	0.34, 0.00, 0.34, 0.17
HSL	120°, 45%, 69%
HSV	120°, 34%, 83%
XYZ	38.6019, 53.9416, 32.8033
YIQ	181.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

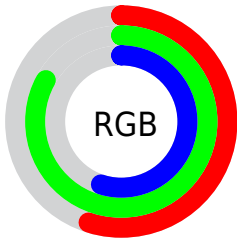
Format	Color
RYB	139, 211, 211
Decimal	9163659
CIELab	78.43, -36.74, 28.73
CIELCh	78, 46.639, 141.973
Yxy	53.9416, 0.3080, 0.4303
Android (android.graphics.Color)	4287353739 (0xFF8BD38B)
YUV	181.2640, -20.8362, -37.0655
Hunter-Lab	73.4449, -34.7109, 24.9303

Details

The XYZ color **38.6019, 53.9416, 32.8033** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8562, 37.0183, 66.2529**, and the grayscale version is **44.1819, 46.4828, 50.6198**.

A 20% lighter version of the original color is **67.8913, 86.9724, 63.6612**, and **17.3962, 26.4128, 13.4138** is the 20% darker color. If you saturate the color by 10%, you get **34.0172, 51.7410, 25.3031**, and if you desaturate by 10%, it is **44.1669, 56.6164, 41.9048**.

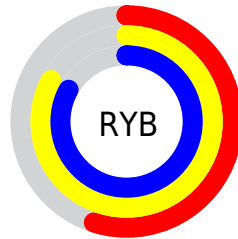
Distribution



Red (55%)

Green (83%)

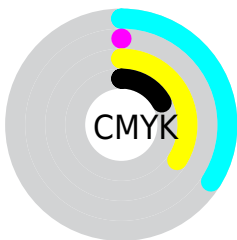
Blue (55%)



Red (55%)

Yellow (83%)

Blue (83%)

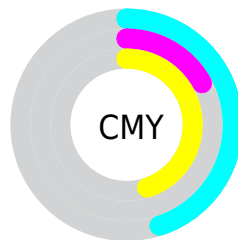


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (17%)



Cyan (45%)


Magenta (17%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6019, 53.9416, 32.8033 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 38.6019, 53.9416, 32.8033 by changing the saturation by 10% instead.


 38.6019, 53.9416,
32.8033


 38.6019, 53.9416,
32.8033


331.4313,
401.8873, 329.3672


 26.6295, 38.5550,
21.7059


 72.3277, 95.9885,
65.1808

 17.4303, 26.4137,
13.4447


 94.8119, 123.4175,
87.2980

 10.6390, 17.1334,
7.6012

 121.5306,
155.6295, 113.9255

 5.8901, 10.3296,
3.7567

152.8494,
193.0089, 145.4819

 2.8184, 5.6181,
1.4929

189.1335,
235.9399, 182.3857

 1.0585, 2.6143,
0.2126

230.7483,

 0.0000, 0.9338,

284.8070, 225.0556

0.0000

278.0591,
339.9947, 273.9099

■ 0.0000, 0.0000,
0.0000

■ 38.6019, 53.9416,
32.8033

■ 38.6019, 53.9416,
32.8033

■ 34.0172, 51.7410,
25.3031

■ 44.1669, 56.6164,
41.9048

■ 30.3523, 49.9805,
19.3084

■ 50.7600, 59.7834,
52.6889

■ 27.5462, 48.6326,
14.7185

■ 58.4308, 63.4680,
65.2358

■ 25.5291, 47.6637,
11.4191

■ 67.2245, 67.6921,
79.6195

■ 24.2202, 47.0350,
9.2781

■ 77.1838, 72.4761,
95.9096

■ 23.5214, 46.6993,
8.1350

■ 82.5854, 75.0707,
104.7451

■ 23.2954, 46.5907,
7.7652

Harmonies

Analogous

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



44.9538, 53.9416, 23.2582



38.6019, 53.9416, 32.8033



35.7231, 53.9416, 51.9634

Triad

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



38.6019, 53.9416, 32.8033



48.8481, 53.9416, 124.2331



69.4126, 53.9416, 41.7985

Complementary

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



38.6019, 53.9416, 32.8033



47.8562, 37.0183, 66.2529

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.



70.7770, 53.9416, 66.0670



38.6019, 53.9416, 32.8033



58.1514, 53.9416, 119.0789

Square

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



38.6019, 53.9416, 32.8033



41.1610, 53.9416, 108.1417



66.4442, 53.9416, 95.6378



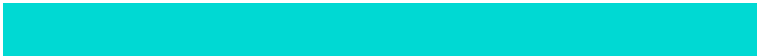
62.9116, 53.9416, 27.2697

Rectangle

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



38.6019, 53.9416, 32.8033



35.8890, 53.9416, 69.8395



66.4442, 53.9416, 95.6378



70.5160, 53.9416, 48.8716

Sweetspot

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



38.6033, 53.9439, 32.8045



82.4457, 93.9455, 88.2836



54.8208, 62.3043, 33.5629



17.2975, 19.9404, 18.3250



0.0000, 0.0000, 0.0000



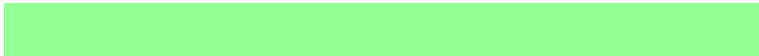
20.3446, 21.4041, 23.3091

Same Dimension

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



38.6033, 53.9439, 32.8045



53.9622, 80.2634, 41.6937



41.6810, 55.1750, 49.0118



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



47.8562, 37.0183, 66.2529



70.2680, 50.4365, 100.6377



43.8361, 35.4102, 45.0832



12.3109, 12.0091, 14.9127



23.3080, 11.1960, 38.1235



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 38.6019, 53.9416, 32.8033 looks on a white background.

Color Contrast Check

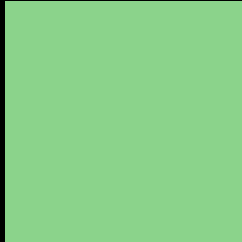
Large Text (above 18pt) WCAG AA × Fail

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 38.6019, 53.9416, 32.8033 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 38.6019, 53.9416, 32.8033

Background



This preview shows how black text looks on a background with the XYZ color 38.6019, 53.9416, 32.8033.



This preview shows how white text looks on a background with the XYZ color 38.6019, 53.9416,

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

38.6019, 53.9416, 32.8033

Protanopia

49.4612, 53.3339, 29.1603

Deuteranopia

54.4547, 53.2362, 34.1936



Tritanopia

46.7375, 53.6531, 73.5384

Trichromacy



Original Color

38.6019, 53.9416, 32.8033



Protanomaly

44.7245, 53.2201, 30.4695



Deuteranomaly

47.0147, 52.3025, 33.6041



Tritanomaly

43.4111, 53.7263, 56.2263

Monochromacy



Original Color

38.6019, 53.9416, 32.8033



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.4585, 48.5594, 43.2642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6019, 53.9416, 32.8033 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(139, 211, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 211, 139)  
}
```

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(139, 211, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 211, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.6019, 53.9416, 32.8033 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(139, 211, 139) }
```


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

```
.border{ border-color:rgb(139, 211, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 211, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 211, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 211, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 211,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6019, 53.9416, 32.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 211, 139) }
```

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

```
.background{ background-color: rgb(139,  
211, 139) }
```

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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