

Converting Colors

XYZ(38.2674, 51.1645, 36.0705)

Have a look what the booklet for
XYZ(38.2674, 51.1645, 36.0705)
contains.

XYZ(38.2659, 51.1635, 35.8757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.2659, 51.1635,
35.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCC94
RGB	143, 204, 148
RGB Percent	56%, 80%, 58%
CMY	0.4392, 0.2000, 0.4196
CMYK	0.30, 0.00, 0.27, 0.20
HSL	125°, 37%, 68%
HSV	125°, 30%, 80%
XYZ	38.2659, 51.1635, 35.8757
YIQ	179.3770, -18.3800, -30.3480

Conversions

Conversions Part 2

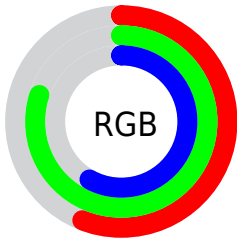
Format	Color
RYB	143, 199, 204
Decimal	9424020
CIELab	76.78, -30.71, 21.82
CIELCh	77, 37.672, 144.595
Yxy	51.1635, 0.3054, 0.4083
Android (android.graphics.Color)	4287614100 (0xFF8FCC94)
YUV	179.3770, -15.4689, -31.9026
Hunter-Lab	71.5287, -29.6825, 20.3328

Details

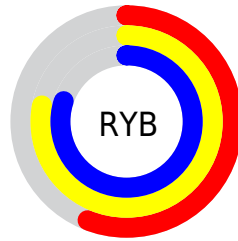
The XYZ color **38.2659, 51.1635, 35.8757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.0349, 36.6070, 58.7273**, and the grayscale version is **43.1371, 45.3836, 49.4227**.

A 20% lighter version of the original color is **69.7094, 87.7900, 69.1482**, and **17.1216, 24.5316, 15.1419** is the 20% darker color. If you saturate the color by 10%, you get **33.6859, 48.9616, 28.5395**, and if you desaturate by 10%, it is **43.7306, 53.7968, 44.5075**.

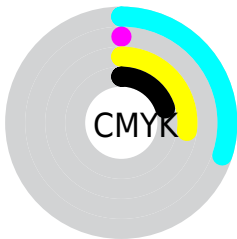
Distribution



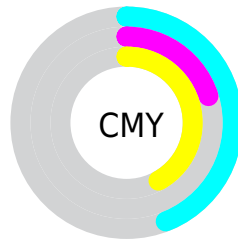
- Red (56%)
- Green (80%)
- Blue (58%)



- Red (56%)
- Yellow (78%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2659, 51.1635, 35.8757 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 38.2659, 51.1635, 35.8757 by changing the saturation by 10% instead.

■ 38.2659, 51.1635,
35.8757

■ 38.2659, 51.1635,
35.8757

330.0204,
391.1987, 343.4379

■ 26.3673, 36.3387,
24.0493

■ 71.8168, 91.8964,
70.0071

■ 17.2327, 24.6959,
15.1576

■ 94.1998, 118.5733,
93.1491

■ 10.4969, 15.8507,
8.7822

120.8082,
149.9698, 120.9000

■ 5.7944, 9.4185,
4.5046

152.0075,
186.4702, 153.6785

■ 2.7599, 5.0152,
1.9060

188.1631,
228.4589, 191.9029

■ 1.0281, 2.2562,
0.4966

229.6401,

■ 0.0000, 0.7504,

276.3202, 235.9920

0.0000

276.8041,
330.4387, 286.3641

■ 0.0000, 0.0000,
0.0000

■ 38.2659, 51.1635,
35.8757

■ 38.2659, 51.1635,
35.8757

■ 33.6859, 48.9616,
28.5395

■ 43.7306, 53.7968,
44.5075

■ 29.9404, 47.1619,
22.4332

■ 50.1191, 56.8758,
54.4895

■ 26.9800, 45.7421,
17.4906

■ 57.4727, 60.4223,
65.8776

■ 24.7486, 44.6748,
13.6376

■ 65.8293, 64.4546,
78.7230

■ 23.1827, 43.9289,
10.7919

■ 75.2246, 68.9902,
93.0750

■ 22.2075, 43.4679,
8.8595

■ 80.8839, 71.6677,
104.1780

■ 21.6968, 43.2292,
7.7269

■ 21.6929, 43.2273,
7.7194

Harmonies

Analogous

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



43.1308, 51.1635, 27.0372



38.2659, 51.1635, 35.8757



36.1906, 51.1635, 52.0828

Triad

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



38.2659, 51.1635, 35.8757



47.3464, 51.1635, 104.7967



62.2262, 51.1635, 40.8803

Complementary

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



38.2659, 51.1635, 35.8757



45.0349, 36.6070, 58.7273

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.



63.6343, 51.1635, 59.4984



38.2659, 51.1635, 35.8757



54.5764, 51.1635, 99.7063

Square

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



38.2659, 51.1635, 35.8757



41.0941, 51.1635, 94.3407



60.7130, 51.1635, 81.7632



57.0337, 51.1635, 29.3919

Rectangle

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



38.2659, 51.1635, 35.8757



36.5056, 51.1635, 66.2265



60.7130, 51.1635, 81.7632



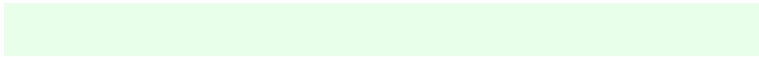
63.1780, 51.1635, 46.3673

Sweetspot

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



38.2672, 51.1657, 35.8768



83.8964, 94.6207, 91.6320



50.3546, 57.4417, 34.4205



17.5984, 20.0797, 19.0549



0.0000, 0.0000, 0.0000



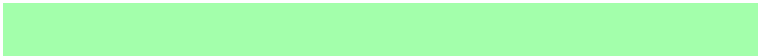
20.3446, 21.4041, 23.3091

Same Dimension

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



38.2672, 51.1657, 35.8768



58.2297, 82.2575, 51.1991



40.9145, 52.2246, 49.8172



11.1047, 12.5516, 12.1090



13.6673, 27.2122, 4.9331



0.7183, 1.4091, 0.3242

Inverse Universe

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



45.0349, 36.6070, 58.7273



71.2346, 54.2702, 95.1012



41.9281, 35.3643, 42.3672



11.6463, 11.3873, 13.9382



21.3544, 10.3523, 30.6486



1.1137, 0.5389, 1.6444

Previews

White Background



This preview shows how the XYZ color 38.2659, 51.1635, 35.8757 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 38.2659, 51.1635, 35.8757 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

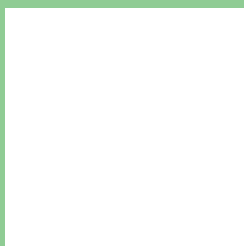
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2659, 51.1635, 35.8757

Background



This preview shows how black text looks on a background with the XYZ color 38.2659, 51.1635, 35.8757.



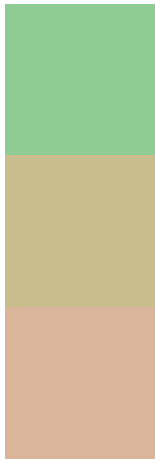
This preview shows how white text looks on a background with the XYZ color 38.2659, 51.1635,

35.8757.

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

38.2659, 51.1635, 35.8757

Protanopia

47.3624, 50.8748, 32.5229

Deuteranopia

51.4871, 50.4077, 37.1530



Tritanopia

45.0154, 51.1516, 69.1287

Trichromacy



Original Color

38.2659, 51.1635, 35.8757

Protanomaly

43.3819, 50.4209, 33.8313

Deuteranomaly

45.2694, 49.7059, 36.4864

Tritanomaly

42.2630, 51.0570, 55.2044

Monochromacy



Original Color

38.2659, 51.1635, 35.8757

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

40.7770, 46.9006, 43.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2659, 51.1635, 35.8757 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(143, 204, 148)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 148)  
}
```

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(143, 204, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.2659, 51.1635, 35.8757 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(143, 204, 148) }
```


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

```
.border{ border-color:rgb(143, 204, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 148);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2659, 51.1635, 35.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 148) }
```

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

```
.background{ background-color: rgb(143,  
204, 148) }
```

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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