

Converting Colors

XYZ(38.0981, 51.4519, 37.0579)

Have a look what the booklet for
XYZ(38.0981, 51.4519, 37.0579)
contains.

XYZ(38.0647, 51.3860, 37.1904)	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(38.0647, 51.3860,
37.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	8BCD97
RGB	139, 205, 151
RGB Percent	55%, 80%, 59%
CMY	0.4549, 0.1961, 0.4078
CMYK	0.32, 0.00, 0.26, 0.20
HSL	131°, 40%, 67%
HSV	131°, 32%, 80%
XYZ	38.0647, 51.3860, 37.1904
YIQ	179.1100, -22.0020, -30.7860

Conversions

Conversions Part 2

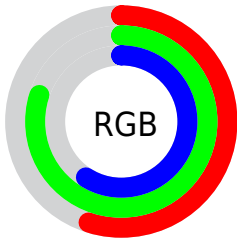
Format	Color
RYB	139, 195, 205
Decimal	9162135
CIELab	76.91, -31.93, 20.39
CIELCh	77, 37.887, 147.441
Yxy	51.3860, 0.3006, 0.4058
Android (android.graphics.Color)	4287352215 (0xFF8BCD97)
YUV	179.1100, -13.8582, -35.1765
Hunter-Lab	71.6840, -30.6624, 19.4186

Details

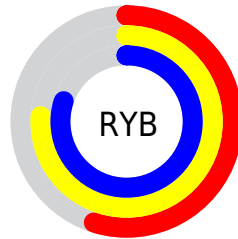
The XYZ color **38.0647, 51.3860, 37.1904** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.0368, 35.2957, 54.9459**, and the grayscale version is **42.9875, 45.2262, 49.2513**.

A 20% lighter version of the original color is **69.0276, 87.3971, 70.9888**, and **17.0443, 24.7112, 15.9280** is the 20% darker color. If you saturate the color by 10%, you get **33.6908, 49.2790, 30.3741**, and if you desaturate by 10%, it is **43.2770, 53.9057, 45.0598**.

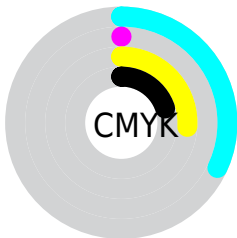
Distribution



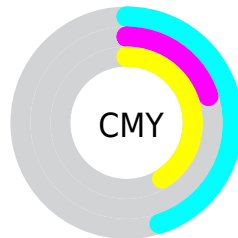
- Red (55%)
- Green (80%)
- Blue (59%)



- Red (55%)
- Yellow (76%)
- Blue (80%)



- Cyan (32%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (45%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0647, 51.3860, 37.1904 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 38.0647, 51.3860, 37.1904 by changing the saturation by 10% instead.

■ 38.0647, 51.3860,
37.1904

■ 38.0647, 51.3860,
37.1904

329.1735,
392.0616, 349.3276

■ 26.2103, 36.5159,
25.0580

■ 71.5106, 92.2251,
72.0551

■ 17.1146, 24.8329,
15.9009

■ 93.8328, 118.9629,
95.6245

■ 10.4120, 15.9526,
9.3004

■ 120.3750,
150.4253, 123.8433

■ 5.7373, 9.4906,
4.8382

151.5026,
186.9969, 157.1301

■ 2.7252, 5.0626,
2.0956

187.5808,
229.0619, 195.9034

■ 1.0101, 2.2840,
0.6131

228.9752,

■ 0.0000, 0.7652,

277.0047, 240.5817

0.0000

276.0509,
331.2098, 291.5836

■ 0.0000, 0.0000,
0.0000

■ 38.0647, 51.3860,
37.1904

■ 38.0647, 51.3860,
37.1904

■ 33.6908, 49.2790,
30.3741

■ 43.2770, 53.9057,
45.0598

■ 30.1071, 47.5564,
24.5630

■ 49.3645, 56.8519,
54.0209

■ 27.2668, 46.1967,
19.7103

■ 56.3666, 60.2455,
64.1142

■ 25.1163, 45.1732,
15.7645

■ 64.3192, 64.1041,
75.3775

■ 23.5946, 44.4557,
12.6689

■ 73.2562, 68.4446,
87.8467

■ 22.6296, 44.0082,
10.3606

■ 80.5860, 71.9301,
101.4333

■ 22.1706, 43.8000,
9.0586

■ 81.1223, 72.1447,
104.2574

Harmonies

Analogous

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



42.7274, 51.3860, 27.5968



38.0647, 51.3860, 37.1904



36.2608, 51.3860, 54.1970

Triad

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



38.0647, 51.3860, 37.1904



48.2246, 51.3860, 105.7171



62.2044, 51.3860, 39.5778

Complementary

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



38.0647, 51.3860, 37.1904



44.0368, 35.2957, 54.9459

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.



64.0384, 51.3860, 57.7417



38.0647, 51.3860, 37.1904



55.5112, 51.3860, 99.0942

Square

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



38.0647, 51.3860, 37.1904



41.7545, 51.3860, 96.5224



61.4801, 51.3860, 80.1492



56.6868, 51.3860, 28.7180

Rectangle

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



38.0647, 51.3860, 37.1904



36.7744, 51.3860, 68.7126



61.4801, 51.3860, 80.1492



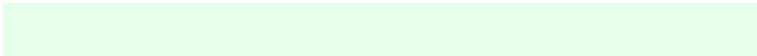
63.2944, 51.3860, 44.8756

Sweetspot

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



38.0661, 51.3882, 37.1915



83.1038, 94.2087, 91.7487



48.7417, 56.9986, 32.8594



17.4551, 20.0035, 19.1553



0.0000, 0.0000, 0.0000



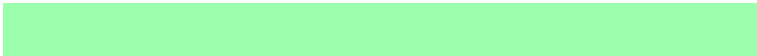
20.3446, 21.4041, 23.3091

Same Dimension

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



38.0661, 51.3882, 37.1915



56.9875, 81.5848, 52.6004



41.0276, 52.5728, 52.7867



11.1500, 12.5697, 12.3471



13.8269, 27.2761, 5.7735



0.7392, 1.4175, 0.4344

Inverse Universe

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



44.0368, 35.2957, 54.9459



68.3272, 50.9958, 86.3000



40.8440, 34.0186, 38.1328



11.5966, 11.3674, 13.6764



20.0900, 9.8466, 23.9905



1.0598, 0.5173, 1.3608

Previews

White Background



This preview shows how the XYZ color 38.0647, 51.3860, 37.1904 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 38.0647, 51.3860, 37.1904 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

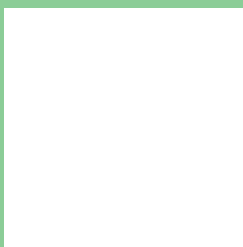
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0647, 51.3860, 37.1904

Background



This preview shows how black text looks on a background with the XYZ color 38.0647, 51.3860, 37.1904.



This preview shows how white text looks on a background with the XYZ color 38.0647, 51.3860,

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

38.0647, 51.3860, 37.1904

Protanopia

47.5888, 50.9654, 33.7147

Deuteranopia

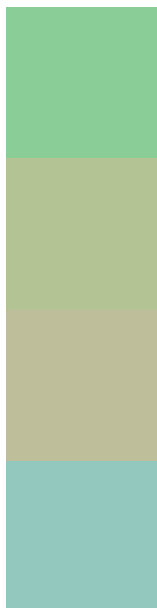
51.9421, 50.9163, 38.5427



Tritanopia

44.7390, 51.3159, 70.4978

Trichromacy



Original Color

38.0647, 51.3860, 37.1904

Protanomaly

43.3720, 50.7205, 35.1079

Deuteranomaly

45.4814, 50.1072, 37.8464

Tritanomaly

41.9812, 51.2293, 56.3908

Monochromacy



Original Color

38.0647, 51.3860, 37.1904

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

40.4545, 46.7235, 44.4225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0647, 51.3860, 37.1904 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, 205, 151)` looks like.

```
.text, #text, p{  
    color:rgb(139, 205, 151)  
}
```

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, 205, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 205, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.0647, 51.3860, 37.1904 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, 205, 151) }
```


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

```
.border{ border-color:rgb(139, 205, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 205, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 205, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 205, 151);  
box-shadow:4px 4px 4px 4px rgb(139, 205,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0647, 51.3860, 37.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 205, 151) }
```

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

```
.background{ background-color: rgb(139,  
205, 151) }
```

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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