

Converting Colors

XYZ(36.8554, 42.3912, 57.8696)

Have a look what the booklet for
XYZ(36.8554, 42.3912, 57.8696)
contains.

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Color

**XYZ(36.8554, 42.3912,
57.8696)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB5C3
RGB	138, 181, 195
RGB Percent	54%, 71%, 76%
CMY	0.4588, 0.2902, 0.2353
CMYK	0.29, 0.07, 0.00, 0.24
HSL	195°, 32%, 65%
HSV	195°, 29%, 76%
XYZ	36.8554, 42.3912, 57.8696
YIQ	169.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

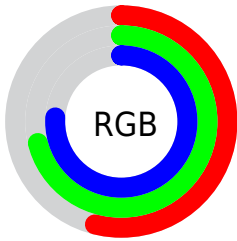
Format	Color
R _{YB}	138, 163, 195
Decimal	9090499
CIE Lab	71.14, -11.00, -11.76
CIE LCh	71, 16.103, 226.930
Yxy	42.3912, 0.2688, 0.3092
Android (android.graphics.Color)	4287280579 (0xFF8AB5C3)
YUV	169.7390, 12.4537, -27.8351
Hunter-Lab	65.1085, -12.8980, -7.1220

Details

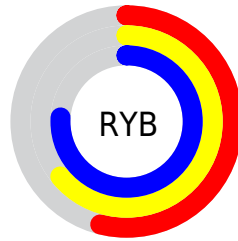
The XYZ color **36.8554, 42.3912, 57.8696** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3218, 35.8937, 28.9540**, and the grayscale version is **38.0303, 40.0109, 43.5718**.

A 20% lighter version of the original color is **69.8472, 78.9341, 103.6499**, and **16.3646, 19.3399, 28.0698** is the 20% darker color. If you saturate the color by 10%, you get **32.9576, 38.9620, 57.4139**, and if you desaturate by 10%, it is **41.3685, 46.1893, 58.3656**.

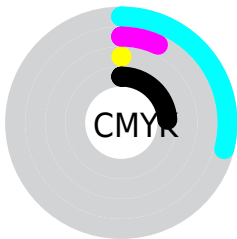
Distribution



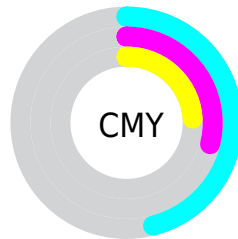
- Red (54%)
- Green (71%)
- Blue (76%)



- Red (54%)
- Yellow (64%)
- Blue (76%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (46%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8554, 42.3912, 57.8696 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 36.8554, 42.3912, 57.8696 by changing the saturation by 10% instead.

■ 36.8554, 42.3912,
57.8696

■ 36.8554, 42.3912,
57.8696

324.0505,
356.1021, 434.2845

■ 25.2687, 29.4077,
41.2898

■ 69.6656, 78.7913,
103.2458

■ 16.4072, 19.3895,
28.2242

■ 91.6198, 102.9768,
132.8794

■ 9.9054, 11.9520,
18.2542

■ 117.7606,
131.6651, 167.7013

■ 5.3981, 6.7110,
10.9613

148.4534,
165.2405, 208.1300

■ 2.5198, 3.2820,
5.9270

184.0633,
204.0876, 254.5842

■ 0.9053, 1.2807,
2.7327

224.9559,

■ 0.0000, 0.1262,

248.5906, 307.4823

0.9598

271.4965,
299.1339, 367.2429

■ 0.0000, 0.0000,
0.0000

■ 36.8554, 42.3912,
57.8696

■ 36.8554, 42.3912,
57.8696

■ 32.9576, 38.9620,
57.4139

■ 41.3685, 46.1893,
58.3656

■ 29.6398, 35.8801,
56.9938

■ 46.5221, 50.3668,
58.9003

■ 26.8692, 33.1288,
56.6088

■ 52.3445, 54.9396,
59.4760

■ 24.6077, 30.6883,
56.2570

■ 58.8612, 59.9216,
60.0942

■ 22.8123, 28.5357,
55.9361

■ 66.0964, 65.3255,
60.7559

■ 21.4321, 26.6443,
55.6437

■ 74.0720, 71.1632,
61.4623

■ 20.3782, 24.9677,
55.3757

■ 75.2701, 73.5594,
61.8617

■ 20.3019, 24.8431,
55.3556

■ 76.5039, 76.0270,
62.2730

■ 77.7736, 78.5665,
62.6962

Harmonies

Analogous

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



35.5346, 42.3912, 50.6150



36.8554, 42.3912, 57.8696



39.1311, 42.3912, 62.1752

Triad

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



36.8554, 42.3912, 57.8696



45.5531, 42.3912, 49.5949



38.8013, 42.3912, 33.3650

Complementary

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



36.8554, 42.3912, 57.8696



38.3218, 35.8937, 28.9540

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.



41.4748, 42.3912, 33.1570



36.8554, 42.3912, 57.8696



45.4551, 42.3912, 41.9684

Square

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



36.8554, 42.3912, 57.8696



44.1970, 42.3912, 57.0514



43.9349, 42.3912, 36.1418



36.6233, 42.3912, 36.7458

Rectangle

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



36.8554, 42.3912, 57.8696



40.9201, 42.3912, 62.5125



43.9349, 42.3912, 36.1418



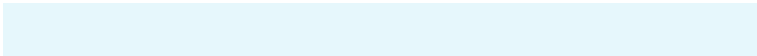
39.6695, 42.3912, 32.9361

Sweetspot

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



36.8567, 42.3929, 57.8706



83.4096, 90.2774, 105.4989



35.6074, 46.6784, 36.5400



17.9494, 19.5170, 23.0711



0.0000, 0.0000, 0.0000



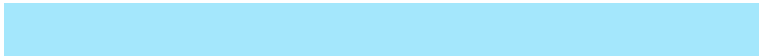
20.3446, 21.4041, 23.3091

Same Dimension

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



36.8567, 42.3929, 57.8706



61.4775, 71.9721, 103.1216



31.7564, 32.1923, 56.1705



10.1523, 10.9958, 12.8722



13.2637, 16.2839, 36.0007



0.6244, 0.8063, 1.5726

Inverse Universe

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



39.9356, 33.1162, 48.0053



67.9888, 53.1191, 82.0871



43.3748, 45.9997, 30.6383



10.3882, 10.2039, 12.1345



18.0909, 8.9261, 18.9224



0.8076, 0.3960, 0.9541

Previews

White Background



This preview shows how the XYZ color 36.8554, 42.3912, 57.8696 looks on a white background.

Color Contrast Check

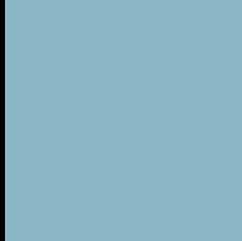
Large Text (above 18pt) WCAG AA × Fail

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 36.8554, 42.3912, 57.8696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

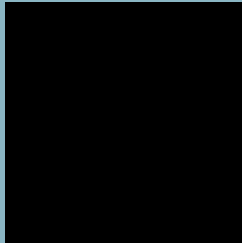
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8554, 42.3912, 57.8696

Background



This preview shows how black text looks on a background with the XYZ color 36.8554, 42.3912, 57.8696.



This preview shows how white text looks on a background with the XYZ color 36.8554, 42.3912,

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

36.8554, 42.3912, 57.8696

Protanopia

41.0600, 41.9934, 54.6566

Deuteranopia

42.8564, 41.9909, 58.6696



Tritanopia

36.8554, 42.3912, 57.8696

Trichromacy



Original Color

36.8554, 42.3912, 57.8696

Protanomaly

39.3416, 41.9393, 55.8907

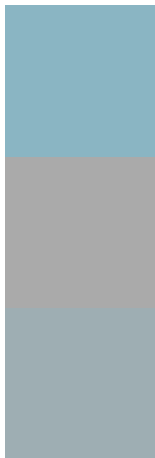
Deuteranomaly

40.2172, 41.7652, 58.1664

Tritanomaly

36.8554, 42.3912, 57.8696

Monochromacy



Original Color

36.8554, 42.3912, 57.8696

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.3733, 40.7959, 48.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8554, 42.3912, 57.8696 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(138, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(138, 181, 195)  
}
```

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(138, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 181, 195) }
```

Border

The CSS property to change the border of an element to XYZ 36.8554, 42.3912, 57.8696 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(138, 181, 195) }
```


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

```
.border{ border-color:rgb(138, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 181, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 181, 195);  
box-shadow:4px 4px 4px 4px rgb(138, 181,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8554, 42.3912, 57.8696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 181, 195) }
```

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

```
.background{ background-color: rgb(138,  
181, 195) }
```

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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