

Converting Colors

XYZ(37.3977, 43.5082, 58.6215)

Have a look what the booklet for
XYZ(37.3977, 43.5082, 58.6215)
contains.

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Color

**XYZ(37.4208, 43.5849,
58.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	89B8C4
RGB	137, 184, 196
RGB Percent	54%, 72%, 77%
CMY	0.4627, 0.2784, 0.2314
CMYK	0.30, 0.06, 0.00, 0.23
HSL	192°, 33%, 65%
HSV	192°, 30%, 77%
XYZ	37.4208, 43.5849, 58.6650
YIQ	171.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

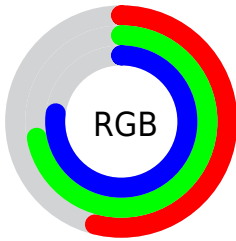
Format	Color
RYB	137, 163, 196
Decimal	9025732
CIELab	71.95, -12.63, -11.11
CIELCh	72, 16.821, 221.314
Yxy	43.5849, 0.2679, 0.3121
Android (android.graphics.Color)	4287215812 (0xFF89B8C4)
YUV	171.3150, 12.1697, -30.0943
Hunter-Lab	66.0189, -14.3557, -6.4725

Details

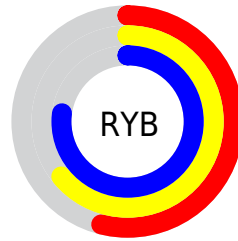
The XYZ color **37.4208, 43.5849, 58.6650** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0282, 35.0370, 28.4263**, and the grayscale version is **38.8202, 40.8419, 44.4768**.

A 20% lighter version of the original color is **70.6279, 80.6185, 104.7669**, and **16.7451, 20.1169, 28.5916** is the 20% darker color. If you saturate the color by 10%, you get **33.6791, 40.4452, 58.2569**, and if you desaturate by 10%, it is **41.7721, 47.0757, 59.1102**.

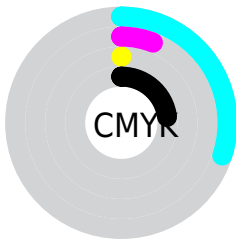
Distribution



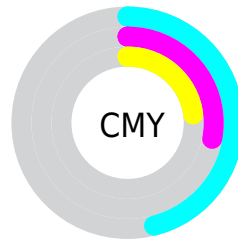
- Red (54%)
- Green (72%)
- Blue (77%)



- Red (54%)
- Yellow (64%)
- Blue (77%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (46%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4208, 43.5849, 58.6650 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 37.4208, 43.5849, 58.6650 by changing the saturation by 10% instead.

■ 37.4208, 43.5849,
58.6650

■ 37.4208, 43.5849,
58.6650

326.4528,
361.0117, 437.3266

■ 25.7086, 30.3443,
41.9253

■ 70.5291, 80.5928,
104.4149

■ 16.7373, 20.1001,
28.7176

■ 92.6560, 105.1288,
134.2622

■ 10.1415, 12.4678,
18.6236

■ 118.9852,
134.1988, 169.3158

■ 5.5559, 7.0631,
11.2246

149.8820,
168.1871, 209.9942

■ 2.6150, 3.5016,
6.1020

185.7118,
207.4782, 256.7159

■ 0.9536, 1.3989,
2.8374

226.8400,

■ 0.0000, 0.2159,

252.4564, 309.8995

1.0122

273.6318,
303.5061, 369.9636

■ 0.0000, 0.0000,
0.0000

■ 37.4208, 43.5849,
58.6650

■ 37.4208, 43.5849,
58.6650

■ 33.6791, 40.4452,
58.2569

■ 41.7721, 47.0757,
59.1102

■ 30.5113, 37.6345,
57.8814

■ 46.7585, 50.9277,
59.5909

■ 27.8838, 35.1365,
57.5377

■ 52.4087, 55.1571,
60.1094

■ 25.7579, 32.9309,
57.2240

■ 58.7486, 59.7775,
60.6671

■ 24.0896, 30.9947,
56.9382

■ 65.8027, 64.8018,
61.2651

■ 22.8267, 29.3007,
56.6778

■ 73.5940, 70.2422,
61.9046

■ 21.8766, 27.8108,
56.4403

■ 74.7234, 72.2845,
62.2392

■ 75.7315, 74.3008,
62.5753

■ 76.7644, 76.3666,
62.9196

Harmonies

Analogous

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



36.2508, 43.5849, 50.6229



37.4208, 43.5849, 58.6650



39.6845, 43.5849, 64.0440

Triad

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



37.4208, 43.5849, 58.6650



46.8725, 43.5849, 52.6981



40.3536, 43.5849, 33.5940

Complementary

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



37.4208, 43.5849, 58.6650



38.0282, 35.0370, 28.4263

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.



43.2180, 43.5849, 34.0132



37.4208, 43.5849, 58.6650



47.0720, 43.5849, 44.4250

Square

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



37.4208, 43.5849, 58.6650



45.1744, 43.5849, 60.3342



45.7076, 43.5849, 37.7752



37.8912, 43.5849, 36.5555

Rectangle

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



37.4208, 43.5849, 58.6650



41.5528, 43.5849, 65.0608



45.7076, 43.5849, 37.7752



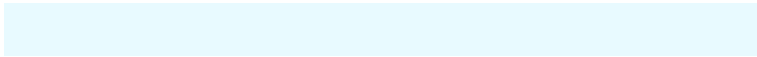
41.2998, 43.5849, 33.3541

Sweetspot

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



37.4221, 43.5866, 58.6660



85.6341, 92.9626, 108.0379



35.4661, 46.9626, 35.5464



18.0239, 19.6659, 23.0959



0.0000, 0.0000, 0.0000



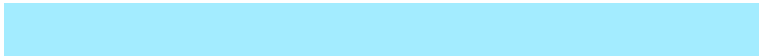
20.3446, 21.4041, 23.3091

Same Dimension

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



37.4221, 43.5866, 58.6660



63.2864, 75.2100, 105.7892



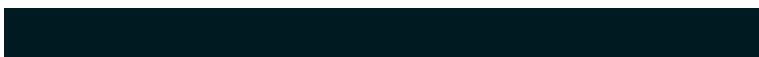
31.9527, 32.6478, 56.8429



10.1890, 11.0693, 12.8844



14.1189, 17.9944, 36.2857



0.6551, 0.8677, 1.5828

Inverse Universe

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



40.3634, 33.0888, 49.6088



69.5614, 53.6009, 86.2899



43.2613, 45.5031, 30.1707



10.4067, 10.2113, 12.2322



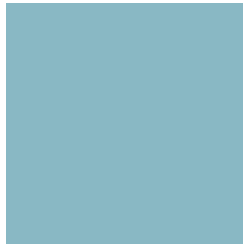
18.5226, 9.0988, 21.1956



0.8231, 0.4022, 1.0357

Previews

White Background



This preview shows how the XYZ color 37.4208, 43.5849, 58.6650 looks on a white background.

Color Contrast Check

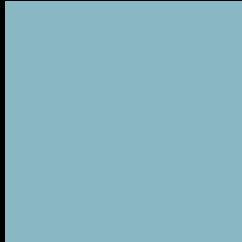
Large Text (above 18pt) WCAG AA × Fail

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 37.4208, 43.5849, 58.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

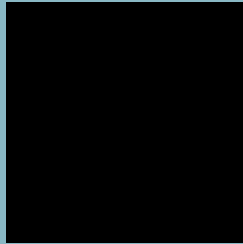
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4208, 43.5849, 58.6650

Background



This preview shows how black text looks on a background with the XYZ color 37.4208, 43.5849, 58.6650.

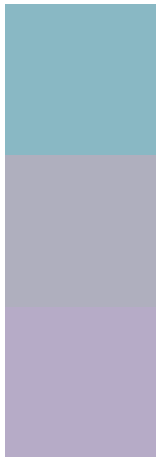


This preview shows how white text looks on a background with the XYZ color 37.4208, 43.5849,

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

37.4208, 43.5849, 58.6650

Protanopia

42.3034, 43.4916, 54.8803

Deuteranopia

44.1631, 43.1944, 60.0425



Tritanopia

37.8148, 43.7615, 59.8798

Trichromacy



Original Color

37.4208, 43.5849, 58.6650

Protanomaly

40.1328, 43.2236, 56.0969

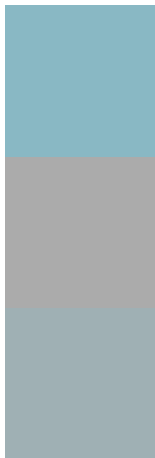
Deuteranomaly

41.4443, 43.2349, 59.5869

Tritanomaly

37.6998, 43.7155, 59.2743

Monochromacy



Original Color

37.4208, 43.5849, 58.6650

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0616, 41.7169, 49.2261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4208, 43.5849, 58.6650 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(137, 184, 196)` looks like.

```
.text, #text, p{  
    color:rgb(137, 184, 196)  
}
```

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(137, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 184, 196) }
```

Border

The CSS property to change the border of an element to XYZ 37.4208, 43.5849, 58.6650 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(137, 184, 196) }
```


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

```
.border{ border-color:rgb(137, 184, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 184, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(137, 184,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4208, 43.5849, 58.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 184, 196) }
```

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

```
.background{ background-color: rgb(137,  
184, 196) }
```

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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