

Converting Colors

XYZ(37.9486, 43.4806, 58.7975)

Have a look what the booklet for
XYZ(37.9486, 43.4806, 58.7975)
contains.

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Color

**XYZ(37.8818, 43.5152,
58.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB7C4
RGB	141, 183, 196
RGB Percent	55%, 72%, 77%
CMY	0.4470, 0.2823, 0.2314
CMYK	0.28, 0.07, 0.00, 0.23
HSL	194°, 32%, 66%
HSV	194°, 28%, 77%
XYZ	37.8818, 43.5152, 58.6272
YIQ	171.9240, -29.2050, -4.8610

Conversions

Conversions Part 2

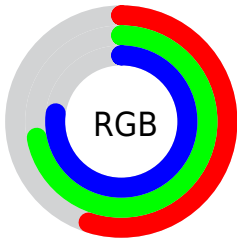
Format	Color
RYB	141, 165, 196
Decimal	9287620
CIELab	71.90, -10.93, -11.15
CIElCh	72, 15.617, 225.565
Yxy	43.5152, 0.2705, 0.3108
Android (android.graphics.Color)	4287477700 (0xFF8DB7C4)
YUV	171.9240, 11.8695, -27.1203
Hunter-Lab	65.9661, -12.9348, -6.5176

Details

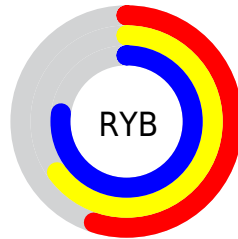
The XYZ color **37.8818, 43.5152, 58.6272** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1288, 36.7704, 30.2354**, and the grayscale version is **39.1277, 41.1654, 44.8292**.

A 20% lighter version of the original color is **71.3611, 80.5606, 104.7171**, and **16.9849, 20.0421, 28.5645** is the 20% darker color. If you saturate the color by 10%, you get **33.9000, 40.0685, 58.1725**, and if you desaturate by 10%, it is **42.4874, 47.3324, 59.1220**.

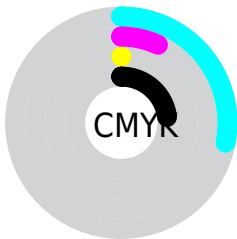
Distribution



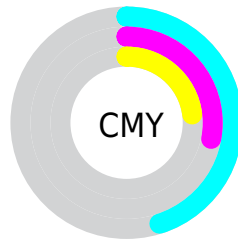
- Red (55%)
- Green (72%)
- Blue (77%)



- Red (55%)
- Yellow (65%)
- Blue (77%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (45%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8818, 43.5152, 58.6272 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 37.8818, 43.5152, 58.6272 by changing the saturation by 10% instead.

■ 37.8818, 43.5152,
58.6272

■ 37.8818, 43.5152,
58.6272

■ 328.4023,
360.7263, 437.1823

■ 26.0678, 30.2896,
41.8951

■ 71.2320, 80.4877,
104.3594

■ 17.0073, 20.0585,
28.6942

■ 93.4989, 105.0034,
134.1966

■ 10.3350, 12.4376,
18.6060

■ 119.9807,
134.0513, 169.2392

■ 5.6856, 7.0424,
11.2120

■ 151.0429,
168.0156, 209.9057

■ 2.6937, 3.4886,
6.0937

■ 187.0508,
207.2809, 256.6148

■ 0.9939, 1.3918,
2.8324

■ 228.3698,

■ 0.0000, 0.2107,

252.2315, 309.7849

1.0097

275.3652,
303.2518, 369.8345

■ 0.0000, 0.0000,
0.0000

■ 37.8818, 43.5152,
58.6272

■ 37.8818, 43.5152,
58.6272

■ 33.9000, 40.0685,
58.1725

■ 42.4874, 47.3324,
59.1220

■ 30.5068, 36.9703,
57.7533

■ 47.7421, 51.5301,
59.6553

■ 27.6692, 34.2044,
57.3690

■ 53.6743, 56.1248,
60.2295

■ 25.3492, 31.7507,
57.0177

■ 60.3096, 61.1299,
60.8458

■ 23.5039, 29.5865,
56.6972

■ 67.6724, 66.5584,
61.5056

■ 22.0831, 27.6856,
56.4052

■ 74.4475, 71.7327,
62.1472

■ 21.0105, 26.0081,
56.1379

■ 75.6135, 74.0646,
62.5359

■ 20.8194, 25.6965,
56.0879

■ 76.8129, 76.4634,
62.9357

■ 78.0459, 78.9296,
63.3467

Harmonies

Analogous

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



36.6263, 43.5152, 51.4204



37.8818, 43.5152, 58.6272



40.0981, 43.5152, 63.0272

Triad

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



37.8818, 43.5152, 58.6272



46.5129, 43.5152, 51.1264



40.0028, 43.5152, 34.6255

Complementary

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



37.8818, 43.5152, 58.6272



39.1288, 36.7704, 30.2354

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.



42.6479, 43.5152, 34.5649



37.8818, 43.5152, 58.6272



46.4847, 43.5152, 43.5583

Square

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



37.8818, 43.5152, 58.6272



45.1201, 43.5152, 58.3922



45.0446, 43.5152, 37.6731



37.8146, 43.5152, 37.8485

Rectangle

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



37.8818, 43.5152, 58.6272



41.8578, 43.5152, 63.5042



45.0446, 43.5152, 37.6731



40.8660, 43.5152, 34.2471

Sweetspot

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



37.8831, 43.5169, 58.6282



86.4203, 93.2966, 108.0610



36.5442, 47.4710, 37.7369



18.1697, 19.7109, 23.0969



0.0000, 0.0000, 0.0000



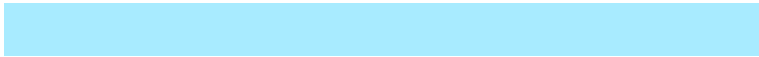
20.3446, 21.4041, 23.3091

Same Dimension

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



37.8831, 43.5169, 58.6282



63.8307, 74.7145, 105.6648



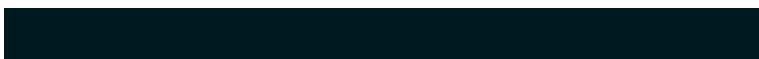
32.7819, 33.3145, 56.9278



10.1603, 11.0119, 12.8748



13.4460, 16.6485, 36.0614



0.6310, 0.8195, 1.5748

Inverse Universe

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



40.8381, 34.2055, 49.2516



70.2228, 55.3461, 85.2086



44.1652, 46.8432, 31.9142



10.3922, 10.2055, 12.1559



18.1829, 8.9629, 19.4070



0.8109, 0.3974, 0.9716

Previews

White Background



This preview shows how the XYZ color 37.8818, 43.5152, 58.6272 looks on a white background.

Color Contrast Check

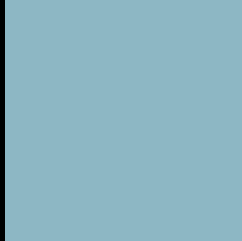
Large Text (above 18pt) WCAG AA × Fail

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 37.8818, 43.5152, 58.6272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

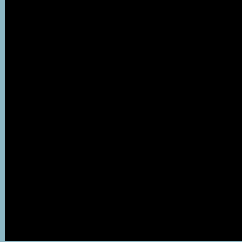
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8818, 43.5152, 58.6272

Background



This preview shows how black text looks on a background with the XYZ color 37.8818, 43.5152, 58.6272.



This preview shows how white text looks on a background with the XYZ color 37.8818, 43.5152,

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

37.8818, 43.5152, 58.6272

Protanopia

42.1895, 43.4202, 55.4475

Deuteranopia

44.0474, 43.1481, 59.4330



Tritanopia

37.9960, 43.5609, 59.2288

Trichromacy



Original Color

37.8818, 43.5152, 58.6272

Protanomaly

40.4463, 43.3724, 56.6920

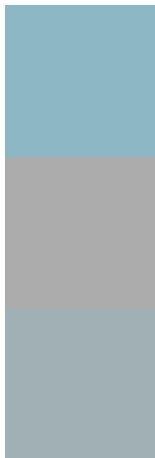
Deuteranomaly

41.3444, 42.9067, 58.9261

Tritanomaly

37.9960, 43.5609, 59.2288

Monochromacy



Original Color

37.8818, 43.5152, 58.6272

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.5638, 41.9639, 49.7834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8818, 43.5152, 58.6272 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(141, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(141, 183, 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(141, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 183, 196) }
```

Border

The CSS property to change the border of an element to XYZ 37.8818, 43.5152, 58.6272 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(141, 183, 196) }
```


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

```
.border{ border-color:rgb(141, 183, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(141, 183,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8818, 43.5152, 58.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 183, 196) }
```

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

```
.background{ background-color: rgb(141,  
183, 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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