

Converting Colors

XYZ(42.2412, 46.4554, 57.6617)

Have a look what the booklet for
XYZ(42.2412, 46.4554, 57.6617)
contains.

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Color

**XYZ(42.1908, 46.3795,
57.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B9C2
RGB	163, 185, 194
RGB Percent	64%, 73%, 76%
CMY	0.3608, 0.2745, 0.2392
CMYK	0.16, 0.05, 0.00, 0.24
HSL	197°, 20%, 70%
HSV	197°, 16%, 76%
XYZ	42.1908, 46.3795, 57.7674
YIQ	179.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

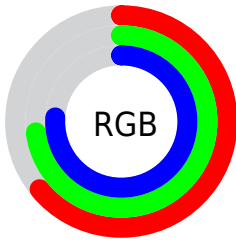
Format	Color
R _Y B	163, 176, 194
Decimal	10729922
CIE Lab	73.79, -5.62, -7.10
CIE LCh	74, 9.051, 231.640
Yxy	46.3795, 0.2883, 0.3169
Android (android.graphics.Color)	4288920002 (0xFFA3B9C2)
YUV	179.4480, 7.1741, -14.4249
Hunter-Lab	68.1025, -8.5952, -2.6205

Details

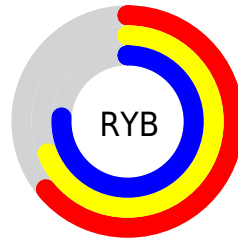
The XYZ color **42.1908, 46.3795, 57.7674** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6118, 43.6186, 40.7718**, and the grayscale version is **43.0569, 45.2992, 49.3308**.

A 20% lighter version of the original color is **77.6241, 84.7181, 102.7035**, and **19.5404, 21.7755, 27.9841** is the 20% darker color. If you saturate the color by 10%, you get **37.3649, 42.1786, 57.2116**, and if you desaturate by 10%, it is **47.6754, 50.9916, 58.3693**.

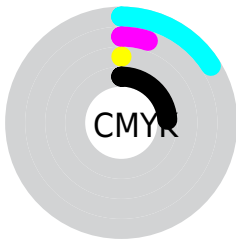
Distribution



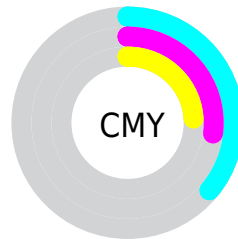
- Red (64%)
- Green (73%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1908, 46.3795, 57.7674 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 42.1908, 46.3795, 57.7674 by changing the saturation by 10% instead.

■ 42.1908, 46.3795,
57.7674

■ 42.1908, 46.3795,
57.7674

346.2515,
372.3323, 433.8927

■ 29.4425, 32.5454,
41.2082

■ 77.7517, 84.7867,
103.0955

■ 19.5618, 21.7784,
28.1609

■ 101.2949,
110.1285, 132.7015

■ 12.1833, 13.6942,
18.2069

129.1672,
140.0751, 167.4935

■ 6.9417, 7.9083,
10.9276

161.7339,
175.0107, 207.8901

■ 3.4717, 4.0363,
5.9046

199.3603,
215.3199, 254.3097

■ 1.4078, 1.6939,
2.7193

242.4118,

■ 0.2618, 0.4197,

261.3869, 307.1710

0.9531

291.2537,
313.5963, 366.8925

■ 0.0000, 0.0000,
0.0000

■ 42.1908, 46.3795,
57.7674

■ 42.1908, 46.3795,
57.7674

■ 37.3649, 42.1786,
57.2116

■ 47.6754, 50.9916,
58.3693

■ 33.1655, 38.3680,
56.6975

■ 53.8412, 56.0237,
59.0156

■ 29.5635, 34.9330,
56.2243

■ 60.7143, 61.4913,
59.7087

■ 26.5259, 31.8558,
55.7904

■ 68.3184, 67.4072,
60.4498

■ 24.0163, 29.1168,
55.3940

■ 74.8116, 72.8228,
61.1529

■ 21.9938, 26.6941,
55.0330

■ 76.2540, 75.7076,
61.6337

■ 20.4108, 24.5623,
54.7049

■ 77.7461, 78.6917,
62.1311

■ 19.2074, 22.6895,
54.4069

■ 79.2883, 81.7762,
62.6451

■ 18.7825, 21.9846,
54.2932

■ 80.8811, 84.9619,
63.1761

Harmonies

Analogous

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



41.2698, 46.3795, 53.8364



42.1908, 46.3795, 57.7674



43.6342, 46.3795, 59.7786

Triad

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



42.1908, 46.3795, 57.7674



47.2133, 46.3795, 51.7981



42.9517, 46.3795, 42.7061

Complementary

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



42.1908, 46.3795, 57.7674



43.6118, 43.6186, 40.7718

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.



44.5335, 46.3795, 42.2338



42.1908, 46.3795, 57.7674



47.0198, 46.3795, 47.3032

Square

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



42.1908, 46.3795, 57.7674



46.5520, 46.3795, 56.1978



46.0296, 46.3795, 43.8681



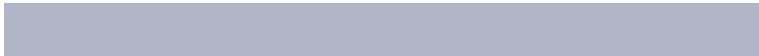
41.7016, 46.3795, 45.1998

Rectangle

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



42.1908, 46.3795, 57.7674



44.7092, 46.3795, 59.6802



46.0296, 46.3795, 43.8681



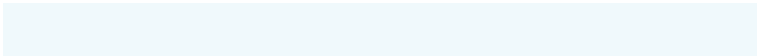
43.4613, 46.3795, 42.3120

Sweetspot

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



42.1922, 46.3814, 57.7684



87.3285, 93.1714, 105.8510



41.8224, 49.3412, 46.2410



18.9575, 20.2659, 23.1625



0.0000, 0.0000, 0.0000



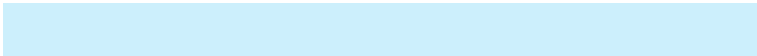
20.3446, 21.4041, 23.3091

Same Dimension

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



42.1922, 46.3814, 57.7684



73.4056, 81.4201, 104.3166



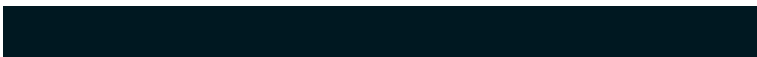
39.1643, 40.3258, 56.7592



10.1136, 10.9186, 12.8593



12.4221, 14.6007, 35.7201



0.5936, 0.7446, 1.5623

Inverse Universe

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



44.1033, 41.1675, 51.5228



77.5267, 70.4001, 90.7992



46.6903, 49.7755, 41.7979



10.3687, 10.1961, 12.0318



17.6661, 8.7562, 16.6855



0.7920, 0.3898, 0.8722

Previews

White Background



This preview shows how the XYZ color 42.1908, 46.3795, 57.7674 looks on a white background.

Color Contrast Check

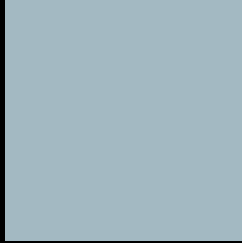
Large Text (above 18pt) WCAG AA × Fail

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 42.1908, 46.3795, 57.7674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

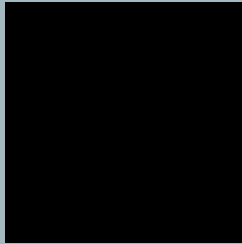
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

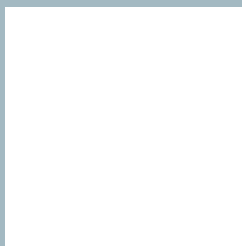
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1908, 46.3795, 57.7674

Background



This preview shows how black text looks on a background with the XYZ color 42.1908, 46.3795, 57.7674.



This preview shows how white text looks on a background with the XYZ color 42.1908, 46.3795,

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

42.1908, 46.3795, 57.7674

Protanopia

44.7813, 46.2279, 55.8529

Deuteranopia

47.2274, 46.2427, 58.6611



Tritanopia

42.7591, 46.2970, 60.7154

Trichromacy



Original Color

42.1908, 46.3795, 57.7674

Protanomaly

43.6979, 46.2603, 56.4952

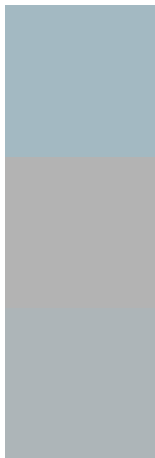
Deuteranomaly

45.0265, 46.0041, 58.1363

Tritanomaly

42.5284, 46.2047, 59.5002

Monochromacy



Original Color

42.1908, 46.3795, 57.7674

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4092, 45.3927, 51.8739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1908, 46.3795, 57.7674 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(163, 185, 194) looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 194)  
}
```

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(163, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.1908, 46.3795, 57.7674 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(163, 185, 194) }
```


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

```
.border{ border-color:rgb(163, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1908, 46.3795, 57.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 194) }
```

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

```
.background{ background-color: rgb(163,  
185, 194) }
```

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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