

Converting Colors

XYZ(38.6874, 42.6049, 62.9902)

Have a look what the booklet for
XYZ(38.6874, 42.6049, 62.9902)
contains.

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Color

**XYZ(38.5766, 42.5717,
62.6839)**

Conversions

Conversions Part 1

Format	Color
Hex	91B3CB
RGB	145, 179, 203
RGB Percent	57%, 70%, 80%
CMY	0.4314, 0.2980, 0.2039
CMYK	0.29, 0.12, 0.00, 0.20
HSL	205°, 36%, 68%
HSV	205°, 29%, 80%
XYZ	38.5766, 42.5717, 62.6839
YIQ	171.5700, -27.9680, 0.2560

Conversions

Conversions Part 2

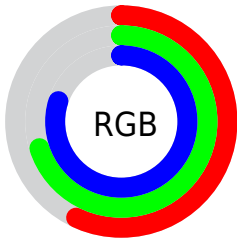
Format	Color
RYB	145, 166, 203
Decimal	9548747
CIELab	71.26, -5.94, -15.92
CIELCh	71, 16.995, 249.547
Yxy	42.5717, 0.2682, 0.2960
Android (android.graphics.Color)	4287738827 (0xFF91B3CB)
YUV	171.5700, 15.4950, -23.3019
Hunter-Lab	65.2470, -8.6460, -11.2880

Details

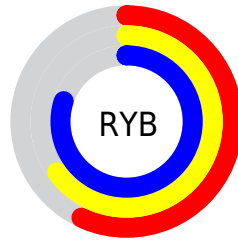
The XYZ color **38.5766, 42.5717, 62.6839** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9280, 43.1171, 32.7962**, and the grayscale version is **38.9309, 40.9584, 44.6037**.

A 20% lighter version of the original color is **71.5777, 78.9160, 106.0675**, and **17.3999, 19.4188, 31.2649** is the 20% darker color. If you saturate the color by 10%, you get **33.6819, 37.6259, 61.9880**, and if you desaturate by 10%, it is **44.2156, 48.0555, 63.4459**.

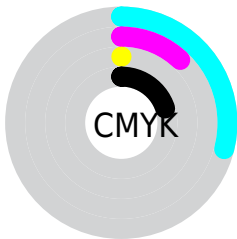
Distribution



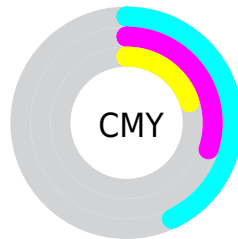
- Red (57%)
- Green (70%)
- Blue (80%)



- Red (57%)
- Yellow (65%)
- Blue (80%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (43%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5766, 42.5717, 62.6839 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 38.5766, 42.5717, 62.6839 by changing the saturation by 10% instead.

■ 38.5766, 42.5717,
62.6839

■ 38.5766, 42.5717,
62.6839

331.3253,
356.8474, 452.4977

■ 26.6098, 29.5492,
45.1462

■ 72.2893, 79.0641,
110.2945

■ 17.4154, 19.4967,
31.2288

■ 94.7658, 103.3029,
141.2045

■ 10.6283, 12.0297,
20.5132

121.4763,
132.0492, 177.4090

■ 5.8829, 6.7639,
12.5809

152.7861,
165.6874, 219.3265

■ 2.8140, 3.3149,
7.0133

189.0605,
204.6019, 267.3756

■ 1.0562, 1.2983,
3.3918

230.6649,

■ 0.0000, 0.1399,

249.1772, 321.9748

1.2980

277.9647,
299.7975, 383.5426

■ 0.0000, 0.0000,
0.0602

■ 0.0000, 0.0000,
0.0000

■ 38.5766, 42.5717,
62.6839

■ 38.5766, 42.5717,
62.6839

■ 33.6819, 37.6259,
61.9880

■ 44.2156, 48.0555,
63.4459

■ 29.4918, 33.1918,
61.3529

■ 50.6283, 54.0920,
64.2731

■ 25.9684, 29.2483,
60.7775

■ 57.8471, 60.7015,
65.1683

■ 23.0686, 25.7702,
60.2590

■ 65.9014, 67.9016,
66.1336

■ 20.7436, 22.7294,
59.7946

■ 74.8190, 75.7090,
67.1706

■ 18.9362, 20.0935,
59.3811

■ 80.1498, 81.8322,
68.0715

■ 17.5574, 17.8134,
59.0136

■ 82.5358, 86.6043,
68.8669

■ 17.3773, 17.5071,
58.9640

■ 85.0360, 91.6045,
69.7002

■ 87.6517, 96.8359,
70.5721

Harmonies

Analogous

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



36.3794, 42.5717, 57.0914



38.5766, 42.5717, 62.6839



41.3796, 42.5717, 63.6336

Triad

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



38.5766, 42.5717, 62.6839



46.1166, 42.5717, 43.7966



37.0704, 42.5717, 35.2651

Complementary

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



38.5766, 42.5717, 62.6839



43.9280, 43.1171, 32.7962

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.



39.5602, 42.5717, 32.5242



38.5766, 42.5717, 62.6839



44.8416, 42.5717, 37.0539

Square

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



38.5766, 42.5717, 62.6839



45.8228, 42.5717, 52.0619



42.4102, 42.5717, 33.1382



35.5386, 42.5717, 41.0781

Rectangle

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



38.5766, 42.5717, 62.6839



43.2286, 42.5717, 61.4056



42.4102, 42.5717, 33.1382



37.8182, 42.5717, 33.9869

Sweetspot

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



38.5779, 42.5734, 62.6849



84.1501, 89.9944, 107.5432



40.1204, 51.5671, 44.9834



17.6572, 18.9324, 22.9736



0.0000, 0.0000, 0.0000



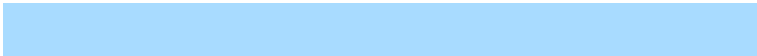
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5779, 42.5734, 62.6849



59.6270, 66.3070, 104.2636



33.4919, 32.4015, 60.9896



11.1390, 11.9185, 14.2838



11.1503, 11.3246, 37.5545



0.6490, 0.7317, 1.9620

Inverse Universe

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



42.8917, 36.2030, 47.3769



68.1010, 54.4973, 74.0351



49.7520, 54.7651, 34.7376



11.4835, 11.3221, 13.0809



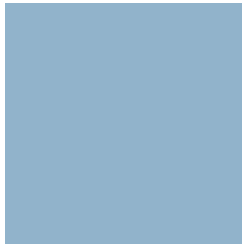
17.8391, 8.9462, 12.1371



0.9575, 0.4764, 0.8221

Previews

White Background



This preview shows how the XYZ color 38.5766, 42.5717, 62.6839 looks on a white background.

Color Contrast Check

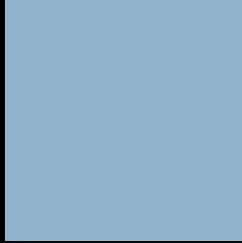
Large Text (above 18pt) WCAG AA × Fail

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 38.5766, 42.5717, 62.6839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

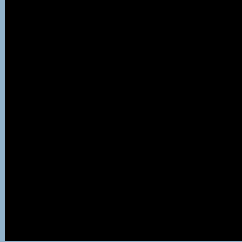
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5766, 42.5717, 62.6839

Background



This preview shows how black text looks on a background with the XYZ color 38.5766, 42.5717, 62.6839.



This preview shows how white text looks on a background with the XYZ color 38.5766, 42.5717,

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

38.5766, 42.5717, 62.6839

Protanopia

41.8299, 42.5567, 60.0424

Deuteranopia

43.2987, 42.3873, 63.6571



Tritanopia

37.4993, 42.4223, 57.8417

Trichromacy



Original Color

38.5766, 42.5717, 62.6839

Protanomaly

40.4532, 42.4071, 60.6969

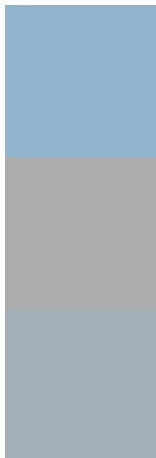
Deuteranomaly

41.3597, 42.2461, 63.1012

Tritanomaly

38.0159, 42.6490, 59.6545

Monochromacy



Original Color

38.5766, 42.5717, 62.6839

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7775, 41.7602, 50.8165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5766, 42.5717, 62.6839 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(145, 179, 203)` looks like.

```
.text, #text, p{  
    color:rgb(145, 179, 203)  
}
```

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(145, 179, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 179, 203) }
```

Border

The CSS property to change the border of an element to XYZ 38.5766, 42.5717, 62.6839 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(145, 179, 203) }
```


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

```
.border{ border-color:rgb(145, 179, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 179, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 179, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 179, 203);  
box-shadow:4px 4px 4px 4px rgb(145, 179,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5766, 42.5717, 62.6839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 179, 203) }
```

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

```
.background{ background-color: rgb(145,  
179, 203) }
```

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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