

Converting Colors

XYZ(38.1932, 41.2186, 58.5741)

Have a look what the booklet for
XYZ(38.1932, 41.2186, 58.5741)
contains.

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Color

**XYZ(38.3569, 41.3666,
58.7862)**

Conversions

Conversions Part 1

Format	Color
Hex	98AFC5
RGB	152, 175, 197
RGB Percent	60%, 69%, 77%
CMY	0.4039, 0.3137, 0.2274
CMYK	0.23, 0.11, 0.00, 0.23
HSL	209°, 28%, 68%
HSV	209°, 23%, 77%
XYZ	38.3569, 41.3666, 58.7862
YIQ	170.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

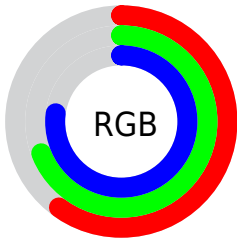
Format	Color
RYB	152, 167, 197
Decimal	10006469
CIELab	70.43, -3.06, -13.83
CIELCh	70, 14.169, 257.529
Yxy	41.3666, 0.2769, 0.2987
Android (android.graphics.Color)	4288196549 (0xFF98AFC5)
YUV	170.6310, 12.9999, -16.3394
Hunter-Lab	64.3169, -6.1018, -9.1698

Details

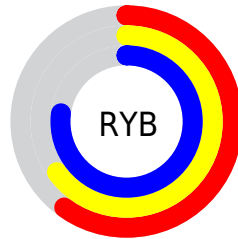
The XYZ color **38.3569, 41.3666, 58.7862** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8298, 44.4094, 35.9685**, and the grayscale version is **38.4691, 40.4725, 44.0745**.

A 20% lighter version of the original color is **71.9183, 77.0148, 104.8408**, and **17.2964, 18.8584, 28.7150** is the 20% darker color. If you saturate the color by 10%, you get **33.1638, 36.0064, 58.0260**, and if you desaturate by 10%, it is **44.2986, 47.3132, 59.6215**.

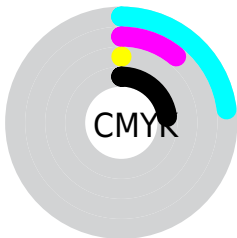
Distribution



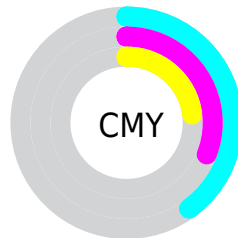
- Red (60%)
- Green (69%)
- Blue (77%)



- Red (60%)
- Yellow (65%)
- Blue (77%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3569, 41.3666, 58.7862 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 38.3569, 41.3666, 58.7862 by changing the saturation by 10% instead.

■ 38.3569, 41.3666,
58.7862

■ 38.3569, 41.3666,
58.7862

330.4030,
351.8505, 437.7889

■ 26.4383, 28.6057,
42.0222

■ 71.9552, 77.2401,
104.5929

■ 17.2862, 18.7827,
28.7929

■ 94.3656, 101.1214,
134.4727

■ 10.5353, 11.5134,
18.6800

121.0040,
129.4783, 169.5614

■ 5.8203, 6.4133,
11.2648

152.2357,
162.6952, 210.2777

■ 2.7757, 3.0980,
6.1288

188.4261,
201.1565, 257.0401

■ 1.0363, 1.1831,
2.8535

229.9405,

■ 0.0000, 0.0478,

245.2465, 310.2670

1.0203

277.1444,
295.3497, 370.3771

■ 0.0000, 0.0000,
0.0000

■ 38.3569, 41.3666,
58.7862

■ 38.3569, 41.3666,
58.7862

■ 33.1638, 36.0064,
58.0260

■ 44.2986, 47.3132,
59.6215

■ 28.6825, 31.2065,
57.3357

■ 51.0160, 53.8611,
60.5314

■ 24.8788, 26.9460,
56.7138

■ 58.5393, 61.0308,
61.5187

■ 21.7135, 23.2003,
56.1576

■ 66.8959, 68.8402,
62.5856

■ 19.1432, 19.9425,
55.6643

■ 76.1119, 77.3064,
63.7340

■ 17.1186, 17.1425,
55.2305

■ 80.3962, 83.4474,
64.6936

■ 15.5805, 14.7648,
54.8527

■ 83.1940, 89.0430,
65.6262

■ 14.7027, 13.2803,
54.6124

■ 86.1428, 94.9406,
66.6091

■ 87.0782, 96.8113,
66.9209

Harmonies

Analogous

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



36.3658, 41.3666, 55.1979



38.3569, 41.3666, 58.7862



40.6844, 41.3666, 58.4365

Triad

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



38.3569, 41.3666, 58.7862



43.7524, 41.3666, 41.2815



36.1007, 41.3666, 36.9113

Complementary

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



38.3569, 41.3666, 58.7862



43.8298, 44.4094, 35.9685

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.



37.9820, 41.3666, 33.8674



38.3569, 41.3666, 58.7862



42.4252, 41.3666, 36.2137

Square

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



38.3569, 41.3666, 58.7862



43.8625, 41.3666, 47.8730



40.2944, 41.3666, 33.6253



35.0982, 41.3666, 42.3234

Rectangle

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



38.3569, 41.3666, 58.7862



42.1142, 41.3666, 56.0175



40.2944, 41.3666, 33.6253



36.6479, 41.3666, 35.6014

Sweetspot

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



38.3582, 41.3683, 58.7871



86.0644, 91.3288, 107.6999



40.5316, 49.6549, 47.3657



18.2627, 19.3937, 23.0308



0.0000, 0.0000, 0.0000



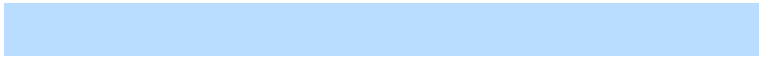
20.3446, 21.4041, 23.3091

Same Dimension

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



38.3582, 41.3683, 58.7871



64.2834, 69.5723, 104.6484



34.3782, 33.4083, 57.4605



10.4974, 11.1689, 13.5200



9.7544, 8.9027, 35.9486



0.5342, 0.5663, 1.7263

Inverse Universe

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



41.9930, 37.4229, 45.5694



71.9275, 61.6798, 76.7611



48.4905, 53.7307, 37.5220



10.8563, 10.7259, 12.2268



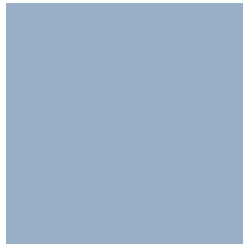
16.7229, 8.4387, 9.0166



0.8284, 0.4142, 0.6193

Previews

White Background



This preview shows how the XYZ color 38.3569, 41.3666, 58.7862 looks on a white background.

Color Contrast Check

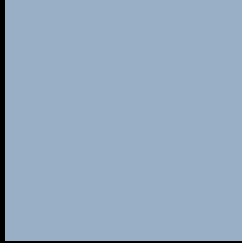
Large Text (above 18pt) WCAG AA × Fail

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 38.3569, 41.3666, 58.7862 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

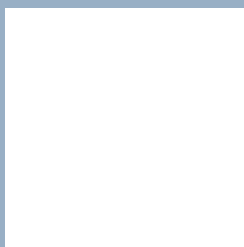
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3569, 41.3666, 58.7862

Background



This preview shows how black text looks on a background with the XYZ color 38.3569, 41.3666, 58.7862.



This preview shows how white text looks on a background with the XYZ color 38.3569, 41.3666,

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

38.3569, 41.3666, 58.7862

Protanopia

40.4490, 41.3457, 56.8876

Deuteranopia

42.2159, 41.3589, 59.7909



Tritanopia

37.5821, 41.3477, 54.7153

Trichromacy



Original Color

38.3569, 41.3666, 58.7862

Protanomaly

39.5031, 41.1266, 57.4859

Deuteranomaly

40.6923, 41.4185, 59.2759

Tritanomaly

37.9135, 41.4802, 56.4603

Monochromacy



Original Color

38.3569, 41.3666, 58.7862

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.3006, 40.6928, 49.0159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3569, 41.3666, 58.7862 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(152, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 175, 197)  
}
```

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(152, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 175, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.3569, 41.3666, 58.7862 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(152, 175, 197) }
```


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

```
.border{ border-color:rgb(152, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 175,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3569, 41.3666, 58.7862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 175, 197) }
```

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

```
.background{ background-color: rgb(152,  
175, 197) }
```

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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