

Converting Colors

XYZ(38.5627, 42.0548, 58.9082)

Have a look what the booklet for
XYZ(38.5627, 42.0548, 58.9082)
contains.

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Color

**XYZ(38.5627, 42.0548,
58.9082)**

Conversions

Conversions Part 1

Format	Color
Hex	97B1C5
RGB	151, 177, 197
RGB Percent	59%, 69%, 77%
CMY	0.4078, 0.3059, 0.2274
CMYK	0.23, 0.10, 0.00, 0.23
HSL	206°, 28%, 68%
HSV	206°, 23%, 77%
XYZ	38.5627, 42.0548, 58.9082
YIQ	171.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

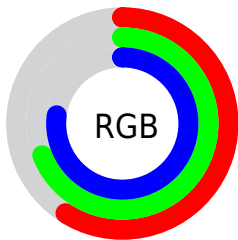
Format	Color
R_{YB}	151, 168, 197
Decimal	9941445
CIE _{Lab}	70.91, -4.45, -13.13
CIE _{LCh}	71, 13.861, 251.253
Yxy	42.0548, 0.2764, 0.3014
Android (android.graphics.Color)	4288131525 (0xFF97B1C5)
YUV	171.5060, 12.5685, -17.9838
Hunter-Lab	64.8497, -7.3423, -8.4631

Details

The XYZ color **38.5627, 42.0548, 58.9082** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1753, 43.2307, 35.3480**, and the grayscale version is **38.9108, 40.9372, 44.5806**.

A 20% lighter version of the original color is **72.4819, 78.5554, 105.1084**, and **17.3112, 19.0511, 28.7514** is the 20% darker color. If you saturate the color by 10%, you get **33.5690, 37.0484, 58.2058**, and if you desaturate by 10%, it is **44.2761, 47.5919, 59.6765**.

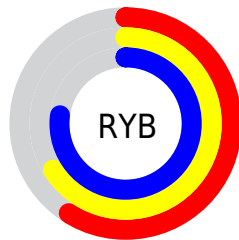
Distribution



Red (59%)

Green (69%)

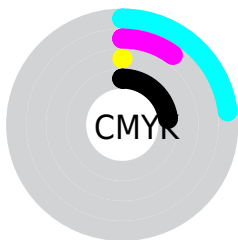
Blue (77%)



Red (59%)

Yellow (66%)

Blue (77%)

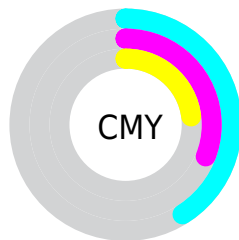


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (41%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5627, 42.0548, 58.9082 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 38.5627, 42.0548, 58.9082 by changing the saturation by 10% instead.

■ 38.5627, 42.0548,
58.9082

■ 38.5627, 42.0548,
58.9082

331.2670,
354.7101, 438.2540

■ 26.5989, 29.1442,
42.1197

■ 72.2681, 78.2826,
104.7720

■ 17.4072, 19.1899,
28.8688

■ 94.7405, 102.3685,
134.6845

■ 10.6224, 11.8076,
18.7368

121.4464,
130.9484, 169.8086

■ 5.8789, 6.6128,
11.3054

152.7513,
164.4065, 210.5630

■ 2.8116, 3.2212,
6.1559

189.0204,
203.1274, 257.3662

■ 1.0549, 1.2483,
2.8698

230.6191,

■ 0.0000, 0.1006,

247.4953, 310.6368

1.0285

277.9129,
297.8947, 370.7932

■ 0.0000, 0.0000,
0.0000

■ 38.5627, 42.0548,
58.9082

■ 38.5627, 42.0548,
58.9082

■ 33.5690, 37.0484,
58.2058

■ 44.2761, 47.5919,
59.6765

■ 29.2588, 32.5481,
57.5643

■ 50.7354, 53.6729,
60.5098

■ 25.5986, 28.5347,
56.9825

■ 57.9702, 60.3169,
61.4109

■ 22.5501, 24.9854,
56.4581

■ 66.0074, 67.5402,
62.3816

■ 20.0705, 21.8751,
55.9885

■ 74.8722, 75.3586,
63.4235

■ 18.1110, 19.1752,
55.5706

■ 79.1691, 80.9931,
64.2846

■ 16.6130, 16.8524,
55.2012

■ 81.5893, 85.8335,
65.0913

■ 15.8016, 15.4781,
54.9787

■ 84.1279, 90.9108,
65.9375

■ 86.7866, 96.2281,
66.8237

Harmonies

Analogous

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



36.7280, 42.0548, 54.6908



38.5627, 42.0548, 58.9082



40.8439, 42.0548, 59.4182

Triad

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



38.5627, 42.0548, 58.9082



44.4833, 42.0548, 43.3554



37.1170, 42.0548, 36.8862

Complementary

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



38.5627, 42.0548, 58.9082



43.1753, 43.2307, 35.3480

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.



39.1123, 42.0548, 34.4242



38.5627, 42.0548, 58.9082



43.4012, 42.0548, 37.9124

Square

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



38.5627, 42.0548, 58.9082



44.3223, 42.0548, 49.9972



41.4149, 42.0548, 34.7809



35.9158, 42.0548, 41.8267

Rectangle

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



38.5627, 42.0548, 58.9082



42.3182, 42.0548, 57.5353



41.4149, 42.0548, 34.7809



37.7138, 42.0548, 35.7638

Sweetspot

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



38.5640, 42.0565, 58.9092



86.3593, 91.9187, 107.7982



40.0740, 49.4504, 45.9285



18.3310, 19.5303, 23.0535



0.0000, 0.0000, 0.0000



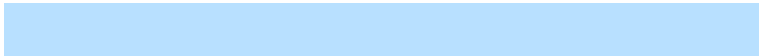
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5640, 42.0565, 58.9092



64.3662, 70.6505, 104.8522



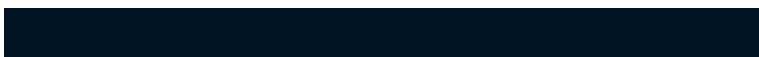
34.4081, 33.7448, 57.5239



10.5458, 11.2656, 13.5362



10.4776, 10.3492, 36.1897



0.5672, 0.6322, 1.7373

Inverse Universe

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



42.0294, 37.1790, 46.5579



71.7466, 60.7546, 78.4375



47.8896, 52.6593, 36.9194



10.8808, 10.7357, 12.3554



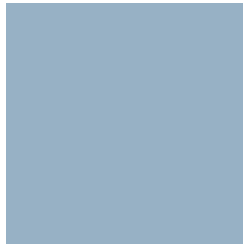
17.0880, 8.5847, 10.9390



0.8450, 0.4208, 0.7069

Previews

White Background



This preview shows how the XYZ color 38.5627, 42.0548, 58.9082 looks on a white background.

Color Contrast Check

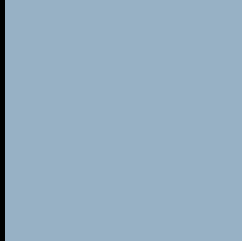
Large Text (above 18pt) WCAG AA × Fail

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 38.5627, 42.0548, 58.9082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

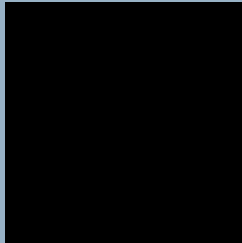
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

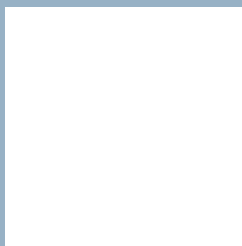
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5627, 42.0548, 58.9082

Background



This preview shows how black text looks on a background with the XYZ color 38.5627, 42.0548, 58.9082.



This preview shows how white text looks on a background with the XYZ color 38.5627, 42.0548,

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

38.5627, 42.0548, 58.9082

Protanopia

41.0677, 41.9461, 56.9709

Deuteranopia

42.8569, 41.9644, 59.8740



Tritanopia

38.0125, 42.1306, 55.9977

Trichromacy



Original Color

38.5627, 42.0548, 58.9082

Protanomaly

40.0906, 41.9988, 57.6233

Deuteranomaly

41.0940, 41.9071, 59.3491

Tritanomaly

38.2357, 42.2199, 57.1729

Monochromacy



Original Color

38.5627, 42.0548, 58.9082

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7864, 41.5008, 49.6823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5627, 42.0548, 58.9082 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(151, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(151, 177, 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(151, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 177, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.5627, 42.0548, 58.9082 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(151, 177, 197) }
```


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

```
.border{ border-color:rgb(151, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(151, 177,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5627, 42.0548, 58.9082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 177, 197) }
```

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

```
.background{ background-color: rgb(151,  
177, 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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