

Converting Colors

XYZ(38.0655, 41.3906, 57.8671)

Have a look what the booklet for
XYZ(38.0655, 41.3906, 57.8671)
contains.

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Color

**XYZ(38.1382, 41.5701,
57.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	97B0C3
RGB	151, 176, 195
RGB Percent	59%, 69%, 76%
CMY	0.4078, 0.3098, 0.2353
CMYK	0.23, 0.10, 0.00, 0.24
HSL	206°, 27%, 68%
HSV	206°, 23%, 76%
XYZ	38.1382, 41.5701, 57.6435
YIQ	170.6910, -20.9990, 0.6090

Conversions

Conversions Part 2

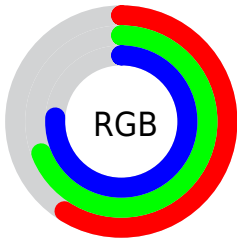
Format	Color
RYB	151, 167, 195
Decimal	9941187
CIELab	70.57, -4.37, -12.53
CIELCh	71, 13.270, 250.758
Yxy	41.5701, 0.2777, 0.3027
Android (android.graphics.Color)	4288131267 (0xFF97B0C3)
YUV	170.6910, 11.9843, -17.2690
Hunter-Lab	64.4749, -7.2447, -7.8756

Details

The XYZ color **38.1382, 41.5701, 57.6435** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4669, 42.5862, 35.2610**, and the grayscale version is **38.5041, 40.5093, 44.1147**.

A 20% lighter version of the original color is **71.8809, 77.8633, 103.3361**, and **17.1610, 18.9910, 27.9605** is the 20% darker color. If you saturate the color by 10%, you get **33.2145, 36.6575, 56.9555**, and if you desaturate by 10%, it is **43.7655, 46.9995, 58.3956**.

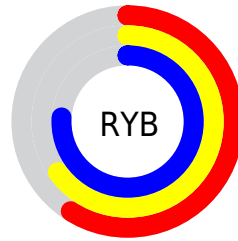
Distribution



Red (59%)

Green (69%)

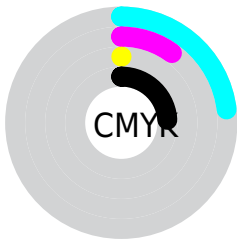
Blue (76%)



Red (59%)

Yellow (65%)

Blue (76%)

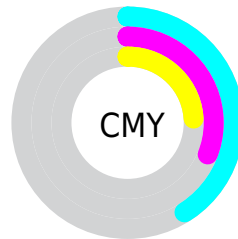


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1382, 41.5701, 57.6435 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 38.1382, 41.5701, 57.6435 by changing the saturation by 10% instead.

■ 38.1382, 41.5701,
57.6435

■ 38.1382, 41.5701,
57.6435

329.4831,
352.6977, 433.4173

■ 26.2677, 28.7648,
41.1093

■ 71.6224, 77.5486,
102.9132

■ 17.1577, 18.9030,
28.0842

■ 93.9669, 101.4906,
132.4857

■ 10.4430, 11.6002,
18.1495

120.5333,
129.9136, 167.2415

■ 5.7582, 6.4721,
10.8868

151.6871,
163.2020, 207.5990

■ 2.7379, 3.1342,
5.8776

187.7936,
201.7402, 253.9768

■ 1.0167, 1.2022,
2.7032

229.2182,

■ 0.0000, 0.0635,

245.9127, 306.7934

0.9450

276.3262,
296.1037, 366.4674

■ 0.0000, 0.0000,
0.0000

■ 38.1382, 41.5701,
57.6435

■ 38.1382, 41.5701,
57.6435

■ 33.2145, 36.6575,
56.9555

■ 43.7655, 46.9995,
58.3956

■ 28.9592, 32.2378,
56.3267

■ 50.1216, 52.9582,
59.2107

■ 25.3399, 28.2925,
55.7559

■ 57.2354, 59.4648,
60.0917

■ 22.3196, 24.7995,
55.2409

■ 65.1328, 66.5352,
61.0402

■ 19.8571, 21.7347,
54.7791

■ 73.8384, 74.1845,
62.0578

■ 17.9054, 19.0707,
54.3677

■ 78.4289, 79.8772,
62.9146

■ 16.4084, 16.7754,
54.0036

■ 80.7821, 84.5834,
63.6990

■ 15.5135, 15.2663,
53.7595

■ 83.2493, 89.5179,
64.5214

■ 85.8321, 94.6836,
65.3824

Harmonies

Analogous

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



36.4035, 41.5701, 53.6102



38.1382, 41.5701, 57.6435



40.3031, 41.5701, 58.1883

Triad

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



38.1382, 41.5701, 57.6435



43.7985, 41.5701, 43.0467



36.8226, 41.5701, 36.7206

Complementary

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



38.1382, 41.5701, 57.6435



42.4669, 42.5862, 35.2610

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.



38.7296, 41.5701, 34.4088



38.1382, 41.5701, 57.6435



42.7908, 41.5701, 37.8302

Square

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



38.1382, 41.5701, 57.6435



43.6259, 41.5701, 49.3589



40.9166, 41.5701, 34.7953



35.6636, 41.5701, 41.3998

Rectangle

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



38.1382, 41.5701, 57.6435



41.7062, 41.5701, 56.4492



40.9166, 41.5701, 34.7953



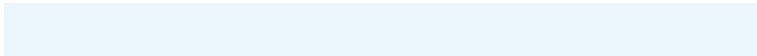
37.3945, 41.5701, 35.6614

Sweetspot

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



38.1395, 41.5718, 57.6444



84.4279, 89.8772, 105.3680



39.4713, 48.4875, 44.9800



18.3348, 19.5378, 23.0548



0.0000, 0.0000, 0.0000



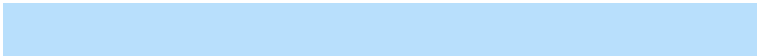
20.3446, 21.4041, 23.3091

Same Dimension

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



38.1395, 41.5718, 57.6444



63.8713, 70.0685, 102.6280



34.2798, 33.8524, 56.3579



9.9926, 10.6765, 12.8189



10.1677, 10.0918, 34.9686



0.5067, 0.5709, 1.5334

Inverse Universe

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



41.4098, 36.8710, 46.0104



70.8304, 60.5093, 77.7720



46.7960, 51.2444, 36.7040



10.3076, 10.1716, 11.7102



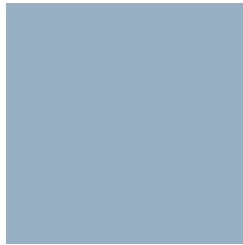
16.5281, 8.3010, 10.6932



0.7482, 0.3723, 0.6412

Previews

White Background



This preview shows how the XYZ color 38.1382, 41.5701, 57.6435 looks on a white background.

Color Contrast Check

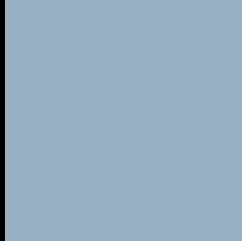
Large Text (above 18pt) WCAG AA × Fail

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 38.1382, 41.5701, 57.6435 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

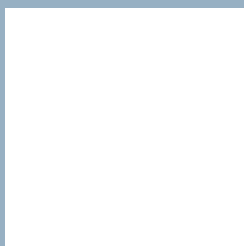
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1382, 41.5701, 57.6435

Background



This preview shows how black text looks on a background with the XYZ color 38.1382, 41.5701, 57.6435.



This preview shows how white text looks on a background with the XYZ color 38.1382, 41.5701,

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

38.1382, 41.5701, 57.6435

Protanopia

40.6549, 41.4776, 55.7324

Deuteranopia

42.4408, 41.5015, 58.5970



Tritanopia

37.7038, 41.6899, 55.3500

Trichromacy



Original Color

38.1382, 41.5701, 57.6435

Protanomaly

39.6735, 41.5239, 56.3760

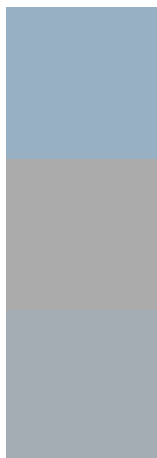
Deuteranomaly

40.6752, 41.4362, 58.0787

Tritanomaly

37.8142, 41.7341, 55.9316

Monochromacy



Original Color

38.1382, 41.5701, 57.6435

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4916, 41.0749, 49.0795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1382, 41.5701, 57.6435 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, 176, 195)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 195)  
}
```

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, 176, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 195) }
```

Border

The CSS property to change the border of an element to XYZ 38.1382, 41.5701, 57.6435 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, 176, 195) }
```


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

```
.border{ border-color:rgb(151, 176, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 176, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 176, 195);  
box-shadow:4px 4px 4px 4px rgb(151, 176,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1382, 41.5701, 57.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 176, 195) }
```

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

```
.background{ background-color: rgb(151,  
176, 195) }
```

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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