

Converting Colors

XYZ(38.6769, 42.2458, 58.0038)

Have a look what the booklet for
XYZ(38.6769, 42.2458, 58.0038)
contains.

XYZ(38.5214, 42.0598, 57.7178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.5214, 42.0598,
57.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	98B1C3
RGB	152, 177, 195
RGB Percent	60%, 69%, 76%
CMY	0.4039, 0.3059, 0.2353
CMYK	0.22, 0.09, 0.00, 0.24
HSL	205°, 26%, 68%
HSV	205°, 22%, 76%
XYZ	38.5214, 42.0598, 57.7178
YIQ	171.5770, -20.6780, 0.2980

Conversions

Conversions Part 2

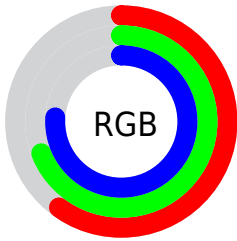
Format	Color
R _Y B	152, 168, 195
Decimal	10006979
CIE Lab	70.91, -4.60, -12.01
CIE LCh	71, 12.865, 249.042
Yxy	42.0598, 0.2785, 0.3041
Android (android.graphics.Color)	4288197059 (0xFF98B1C3)
YUV	171.5770, 11.5475, -17.1690
Hunter-Lab	64.8535, -7.4691, -7.3689

Details

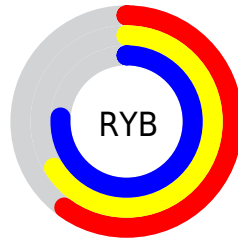
The XYZ color **38.5214, 42.0598, 57.7178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5484, 42.6188, 35.6906**, and the grayscale version is **38.9511, 40.9796, 44.6268**.

A 20% lighter version of the original color is **72.4417, 78.5715, 103.4432**, and **17.2709, 19.0477, 27.9656** is the 20% darker color. If you saturate the color by 10%, you get **33.6034, 37.2033, 57.0403**, and if you desaturate by 10%, it is **44.1384, 47.4219, 58.4574**.

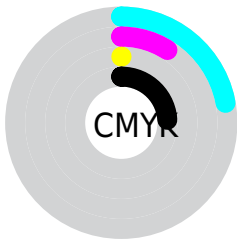
Distribution



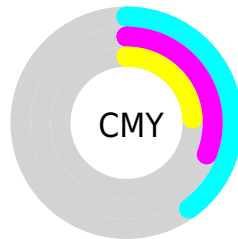
- Red (60%)
- Green (69%)
- Blue (76%)



- Red (60%)
- Yellow (66%)
- Blue (76%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5214, 42.0598, 57.7178 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 38.5214, 42.0598, 57.7178 by changing the saturation by 10% instead.

■ 38.5214, 42.0598,
57.7178

■ 38.5214, 42.0598,
57.7178

331.0937,
354.7308, 433.7024

■ 26.5667, 29.1481,
41.1686

■ 72.2054, 78.2901,
103.0225

■ 17.3829, 19.1929,
28.1302

■ 94.6653, 102.3776,
132.6151

■ 10.6049, 11.8097,
18.1839

121.3577,
130.9590, 167.3926

■ 5.8671, 6.6143,
10.9113

152.6479,
164.4189, 207.7736

■ 2.8044, 3.2221,
5.8938

188.9012,
203.1417, 254.1765

■ 1.0512, 1.2487,
2.7129

230.4830,

■ 0.0000, 0.1010,

247.5116, 307.0199

0.9499

277.7588,
297.9132, 366.7224

■ 0.0000, 0.0000,
0.0000

■ 38.5214, 42.0598,
57.7178

■ 38.5214, 42.0598,
57.7178

■ 33.6034, 37.2033,
57.0403

■ 44.1384, 47.4219,
58.4574

■ 29.3497, 32.8289,
56.4201

■ 50.4795, 53.3018,
59.2582

■ 25.7281, 28.9185,
55.8562

■ 57.5732, 59.7177,
60.1227

■ 22.7018, 25.4505,
55.3464

■ 65.4452, 66.6850,
61.0526

■ 20.2303, 22.4013,
54.8881

■ 74.1201, 74.2187,
62.0495

■ 18.2669, 19.7441,
54.4787

■ 78.2802, 79.5796,
62.8650

■ 16.7565, 17.4476,
54.1150

■ 80.5525, 84.1242,
63.6225

■ 15.7982, 15.8356,
53.8544

■ 82.9318, 88.8830,
64.4156

■ 85.4197, 93.8587,
65.2449

Harmonies

Analogous

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



36.8622, 42.0598, 53.6348



38.5214, 42.0598, 57.7178



40.6273, 42.0598, 58.4605

Triad

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



38.5214, 42.0598, 57.7178



44.1836, 42.0598, 43.9672



37.4380, 42.0598, 37.2319

Complementary

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



38.5214, 42.0598, 57.7178



42.5484, 42.6188, 35.6906

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.



39.3328, 42.0598, 35.1068



38.5214, 42.0598, 57.7178



43.2616, 42.0598, 38.7607

Square

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



38.5214, 42.0598, 57.7178



43.9474, 42.0598, 50.1460



41.4679, 42.0598, 35.6404



36.2525, 42.0598, 41.7051

Rectangle

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



38.5214, 42.0598, 57.7178



42.0095, 42.0598, 56.9018



41.4679, 42.0598, 35.6404



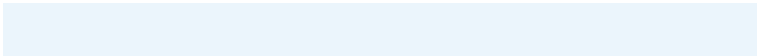
38.0104, 42.0598, 36.2383

Sweetspot

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



38.5227, 42.0615, 57.7188



84.4985, 90.0184, 105.3915



39.7127, 48.6056, 45.2786



18.3515, 19.5713, 23.0604



0.0000, 0.0000, 0.0000



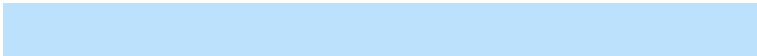
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5227, 42.0615, 57.7188



65.0088, 71.4360, 102.8320



34.6189, 34.2540, 56.4175



10.0038, 10.6989, 12.8227



10.3524, 10.4614, 35.0302



0.5142, 0.5857, 1.5358

Inverse Universe

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



41.6708, 37.2340, 46.5874



71.6262, 61.6759, 79.3471



46.8958, 51.3135, 37.1397



10.3132, 10.1739, 11.7400



16.6214, 8.3383, 11.1843



0.7519, 0.3738, 0.6610

Previews

White Background



This preview shows how the XYZ color 38.5214, 42.0598, 57.7178 looks on a white background.

Color Contrast Check

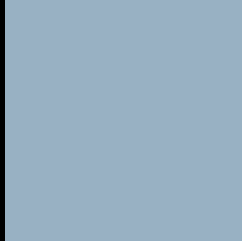
Large Text (above 18pt) WCAG AA × Fail

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 38.5214, 42.0598, 57.7178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

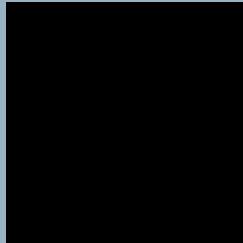
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

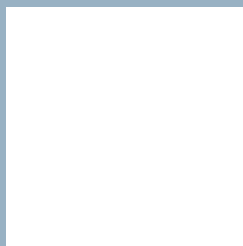
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5214, 42.0598, 57.7178

Background



This preview shows how black text looks on a background with the XYZ color 38.5214, 42.0598, 57.7178.



This preview shows how white text looks on a background with the XYZ color 38.5214, 42.0598,

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

38.5214, 42.0598, 57.7178

Protanopia

41.0615, 41.9687, 55.8058

Deuteranopia

42.8564, 41.9909, 58.6696



Tritanopia

38.1973, 42.2259, 56.0064

Trichromacy



Original Color

38.5214, 42.0598, 57.7178

Protanomaly

40.0715, 42.0149, 56.4498

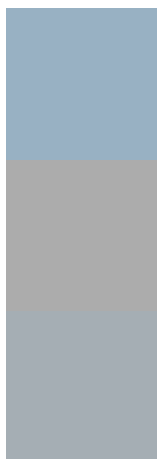
Deuteranomaly

41.0785, 41.9256, 58.1519

Tritanomaly

38.3085, 42.2704, 56.5920

Monochromacy



Original Color

38.5214, 42.0598, 57.7178

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8913, 41.5667, 49.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5214, 42.0598, 57.7178 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, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 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(152, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 195) }
```

Border

The CSS property to change the border of an element to XYZ 38.5214, 42.0598, 57.7178 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, 177, 195) }
```


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

```
.border{ border-color:rgb(152, 177, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 177, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5214, 42.0598, 57.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 195) }
```

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

```
.background{ background-color: rgb(152,  
177, 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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