

Converting Colors

XYZ(38.6977, 41.3154, 62.0610)

Have a look what the booklet for
XYZ(38.6977, 41.3154, 62.0610)
contains.

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Color

**XYZ(38.5592, 41.1157,
61.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	97AECA
RGB	151, 174, 202
RGB Percent	59%, 68%, 79%
CMY	0.4078, 0.3176, 0.2078
CMYK	0.25, 0.14, 0.00, 0.21
HSL	213°, 32%, 69%
HSV	213°, 25%, 79%
XYZ	38.5592, 41.1157, 61.7809
YIQ	170.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

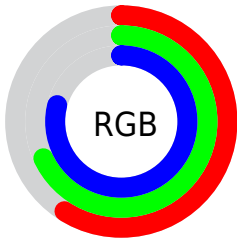
Format	Color
RYB	151, 167, 202
Decimal	9940682
CIELab	70.26, -1.66, -16.86
CIElCh	70, 16.937, 264.387
Yxy	41.1157, 0.2726, 0.2907
Android (android.graphics.Color)	4288130762 (0xFF97AECA)
YUV	170.3150, 15.6207, -16.9393
Hunter-Lab	64.1215, -4.8725, -12.2407

Details

The XYZ color **38.5592, 41.1157, 61.7809** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.0635, 47.0312, 35.9293**, and the grayscale version is **38.2992, 40.2938, 43.8799**.

A 20% lighter version of the original color is **71.5229, 76.3804, 105.5810**, and **17.4504, 18.7098, 30.7086** is the 20% darker color. If you saturate the color by 10%, you get **33.0722, 35.2377, 60.9362**, and if you desaturate by 10%, it is **44.8680, 47.6819, 62.7165**.

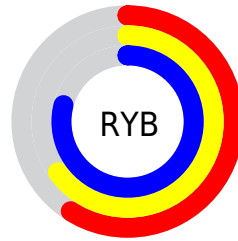
Distribution



Red (59%)

Green (68%)

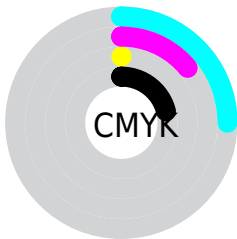
Blue (79%)



Red (59%)

Yellow (65%)

Blue (79%)

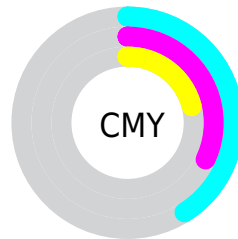


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (32%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5592, 41.1157, 61.7809 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 38.5592, 41.1157, 61.7809 by changing the saturation by 10% instead.

■ 38.5592, 41.1157,
61.7809

■ 38.5592, 41.1157,
61.7809

331.2523,
350.8039, 449.1170

■ 26.5962, 28.4095,
44.4210

■ 72.2628, 76.8595,
108.9773

■ 17.4052, 18.6346,
30.6620

■ 94.7341, 100.6659,
139.6510

■ 10.6209, 11.4065,
20.0853

121.4389,
128.9411, 175.5996

■ 5.8779, 6.3410,
12.2724

152.7425,
162.0696, 217.2419

■ 2.8109, 3.0535,
6.8047

189.0103,
200.4358, 264.9962

■ 1.0546, 1.1597,
3.2637

230.6076,

■ 0.0000, 0.0284,

244.4239, 319.2811

1.2308

277.8998,
294.4185, 380.5152

■ 0.0000, 0.0000,
0.0040

■ 0.0000, 0.0000,
0.0000

■ 38.5592, 41.1157,
61.7809

■ 38.5592, 41.1157,
61.7809

■ 33.0722, 35.2377,
60.9362

■ 44.8680, 47.6819,
62.7165

■ 28.3662, 30.0177,
60.1767

■ 52.0292, 54.9552,
63.7429

■ 24.4023, 25.4299,
59.5001

■ 60.0766, 62.9600,
64.8639

■ 21.1367, 21.4451,
58.9030

■ 69.0408, 71.7177,
66.0818

■ 18.5204, 18.0307,
58.3819

■ 78.9510, 81.2489,
67.3992

■ 16.4969, 15.1503,
57.9326

■ 83.2203, 88.1633,
68.5088

■ 14.9983, 12.7610,
57.5504

■ 86.5952, 94.9130,
69.6337

■ 14.4109, 11.7646,
57.3890

■ 87.6608, 97.0443,
69.9890

Harmonies

Analogous

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



36.0510, 41.1157, 58.3898



38.5592, 41.1157, 61.7809



41.3262, 41.1157, 60.1939

Triad

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



38.5592, 41.1157, 61.7809



44.1481, 41.1157, 38.7447



34.8961, 41.1157, 36.4389

Complementary

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



38.5592, 41.1157, 61.7809



46.0635, 47.0312, 35.9293

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.



36.9152, 41.1157, 32.2321



38.5592, 41.1157, 61.7809



42.2725, 41.1157, 33.4489

Square

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



38.5592, 41.1157, 61.7809



44.6391, 41.1157, 46.2807



39.6039, 41.1157, 31.2058



34.0014, 41.1157, 43.2886

Rectangle

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



38.5592, 41.1157, 61.7809



42.9355, 41.1157, 56.6125



39.6039, 41.1157, 31.2058



35.4611, 41.1157, 34.7027

Sweetspot

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



38.5605, 41.1174, 61.7818



84.4698, 89.3957, 107.4108



41.9398, 52.0435, 50.0606



17.6777, 18.7269, 22.9329



0.0000, 0.0000, 0.0000



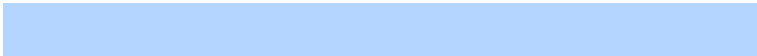
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5605, 41.1174, 61.7818



60.3200, 64.3342, 103.8463



34.8085, 33.1416, 60.4401



11.0114, 11.6633, 14.2413



9.3596, 7.7431, 36.9575



0.5583, 0.5503, 1.9317

Inverse Universe

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



43.0647, 37.7468, 45.0624



69.2707, 58.1044, 70.5170



50.6068, 56.7968, 37.5748



11.4191, 11.2964, 12.7418



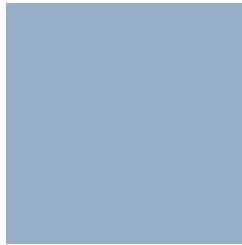
16.9352, 8.5847, 7.3774



0.9117, 0.4581, 0.5811

Previews

White Background



This preview shows how the XYZ color 38.5592, 41.1157, 61.7809 looks on a white background.

Color Contrast Check

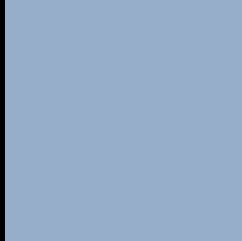
Large Text (above 18pt) WCAG AA × Fail

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 38.5592, 41.1157, 61.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

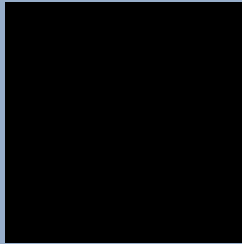
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5592, 41.1157, 61.7809

Background



This preview shows how black text looks on a background with the XYZ color 38.5592, 41.1157, 61.7809.



This preview shows how white text looks on a background with the XYZ color 38.5592, 41.1157,

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

38.5592, 41.1157, 61.7809

Protanopia

40.4094, 40.9800, 59.8129

Deuteranopia

41.8318, 40.8335, 62.1768



Tritanopia

37.2140, 41.1579, 54.6981

Trichromacy



Original Color

38.5592, 41.1157, 61.7809

Protanomaly

39.6862, 40.8730, 60.4412

Deuteranomaly

40.6713, 41.0606, 62.2818

Tritanomaly

37.6453, 41.0390, 56.9761

Monochromacy



Original Color

38.5592, 41.1157, 61.7809

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1107, 40.2897, 50.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5592, 41.1157, 61.7809 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, 174, 202)` looks like.

```
.text, #text, p{  
    color:rgb(151, 174, 202)  
}
```

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, 174, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 174, 202) }
```

Border

The CSS property to change the border of an element to XYZ 38.5592, 41.1157, 61.7809 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, 174, 202) }
```


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

```
.border{ border-color:rgb(151, 174, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 174, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 174, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 174, 202);  
box-shadow:4px 4px 4px 4px rgb(151, 174,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5592, 41.1157, 61.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 174, 202) }
```

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

```
.background{ background-color: rgb(151,  
174, 202) }
```

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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