

Converting Colors

XYZ(38.0466, 40.3686, 71.2626)

Have a look what the booklet for
XYZ(38.0466, 40.3686, 71.2626)
contains.

XYZ(38.1154, 40.3859, 71.4320)	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(38.1154, 40.3859,
71.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	8BADD9
RGB	139, 173, 217
RGB Percent	55%, 68%, 85%
CMY	0.4549, 0.3216, 0.1490
CMYK	0.36, 0.20, 0.00, 0.15
HSL	214°, 51%, 70%
HSV	214°, 36%, 85%
XYZ	38.1154, 40.3859, 71.4320
YIQ	167.8500, -34.3880, 6.4760

Conversions

Conversions Part 2

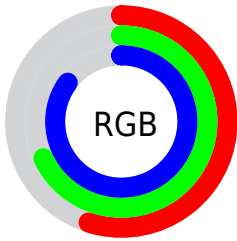
Format	Color
R _Y B	139, 163, 217
Decimal	9154009
CIE Lab	69.74, -0.87, -25.95
CIE LCh	70, 25.964, 268.082
Yxy	40.3859, 0.2542, 0.2694
Android (android.graphics.Color)	4287344089 (0xFF8BADD9)
YUV	167.8500, 24.2310, -25.3014
Hunter-Lab	63.5499, -4.1532, -22.1588

Details

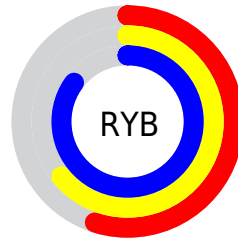
The XYZ color **38.1154, 40.3859, 71.4320** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **50.2097, 50.4834, 31.5252**, and the grayscale version is **37.0440, 38.9732, 42.4418**.

A 20% lighter version of the original color is **68.0415, 74.1761, 105.3390**, and **17.1967, 18.2618, 36.8009** is the 20% darker color. If you saturate the color by 10%, you get **32.6048, 34.2196, 70.5329**, and if you desaturate by 10%, it is **44.5628, 47.3562, 72.4383**.

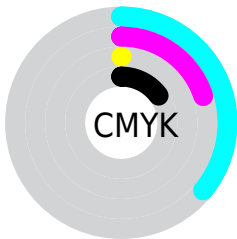
Distribution



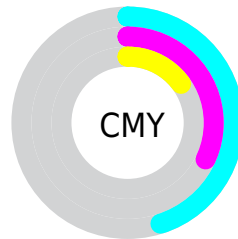
- Red (55%)
- Green (68%)
- Blue (85%)



- Red (55%)
- Yellow (64%)
- Blue (85%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1154, 40.3859, 71.4320 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 38.1154, 40.3859, 71.4320 by changing the saturation by 10% instead.

■ 38.1154, 40.3859,
71.4320

■ 38.1154, 40.3859,
71.4320

329.3870,
347.7474, 484.4865

■ 26.2499, 27.8396,
52.2108

■ 71.5877, 75.7508,
122.9488

■ 17.1443, 18.2047,
36.7897

■ 93.9253, 99.3381,
156.0816

■ 10.4334, 11.0971,
24.7502

■ 120.4842,
127.3746, 194.6886

■ 5.7517, 6.1322,
15.6737

151.6299,
160.2445, 239.1884

■ 2.7339, 2.9256,
9.1417

187.7276,
198.3324, 289.9995

■ 1.0147, 1.0930,
4.7357

229.1428,

■ 0.0000, 0.0000,

242.0226, 347.5406

2.0370

276.2409,
291.6994, 412.2300

■ 0.0000, 0.0000,
0.5779

■ 0.0000, 0.0000,
0.0000

■ 38.1154, 40.3859,
71.4320

■ 38.1154, 40.3859,
71.4320

■ 32.6048, 34.2196,
70.5329

■ 44.5628, 47.3562,
72.4383

■ 27.9787, 28.8190,
69.7343

■ 51.9879, 55.1571,
73.5527

■ 24.1849, 24.1494,
69.0330

■ 60.4337, 63.8196,
74.7796

■ 21.1638, 20.1706,
68.4242

■ 69.9394, 73.3716,
76.1223

■ 18.8468, 16.8376,
67.9030

■ 80.5420, 83.8394,
77.5839

■ 17.1497, 14.0965,
67.4634

■ 86.8567, 92.4542,
78.9140

■ 16.5802, 13.1211,
67.3051

■ 89.5245, 97.7898,
79.8032

Harmonies

Analogous

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



34.2652, 40.3859, 66.7168



38.1154, 40.3859, 71.4320



42.3211, 40.3859, 67.7461

Triad

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



38.1154, 40.3859, 71.4320



45.9748, 40.3859, 33.9438



31.9201, 40.3859, 32.8259

Complementary

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



38.1154, 40.3859, 71.4320



50.2097, 50.4834, 31.5252

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.



34.7019, 40.3859, 26.5357



38.1154, 40.3859, 71.4320



42.8237, 40.3859, 27.0934

Square

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



38.1154, 40.3859, 71.4320



47.0520, 40.3859, 44.7536



38.6570, 40.3859, 24.6440



30.8545, 40.3859, 43.2023

Rectangle

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



38.1154, 40.3859, 71.4320



44.7255, 40.3859, 61.3392



38.6570, 40.3859, 24.6440



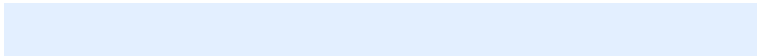
32.6750, 40.3859, 30.2399

Sweetspot

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



38.1167, 40.3875, 71.4329



80.6312, 85.3796, 106.8379



43.8945, 58.4888, 53.1789



16.9057, 17.9123, 22.8163



0.0000, 0.0000, 0.0000



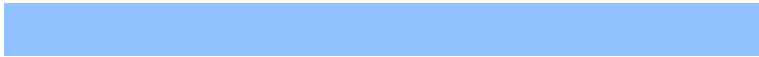
20.3446, 21.4041, 23.3091

Same Dimension

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



38.1167, 40.3875, 71.4329



48.8915, 51.4768, 101.9669



33.0685, 29.3070, 69.5603



12.8033, 13.5463, 16.5920



10.1377, 8.1448, 40.7762



0.7415, 0.6971, 2.6699

Inverse Universe

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



45.3918, 36.2353, 44.1385



61.0611, 45.4748, 56.0977



56.9435, 65.6517, 34.0981



13.2906, 13.1453, 14.7914



18.6124, 9.4460, 7.6047



1.2486, 0.6291, 0.7178

Previews

White Background



This preview shows how the XYZ color 38.1154, 40.3859, 71.4320 looks on a white background.

Color Contrast Check

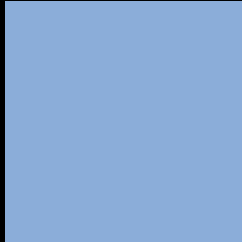
Large Text (above 18pt) WCAG AA × Fail

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 38.1154, 40.3859, 71.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

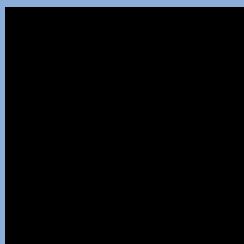
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

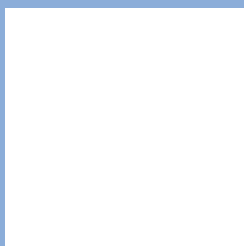
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1154, 40.3859, 71.4320

Background



This preview shows how black text looks on a background with the XYZ color 38.1154, 40.3859, 71.4320.



This preview shows how white text looks on a background with the XYZ color 38.1154, 40.3859,

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

38.1154, 40.3859, 71.4320

Protanopia

40.4383, 40.2312, 69.2524

Deuteranopia

41.1715, 40.2765, 71.9338



Tritanopia

34.9094, 40.2366, 55.7957

Trichromacy



Original Color

38.1154, 40.3859, 71.4320

Protanomaly

39.5894, 40.3311, 69.9881

Deuteranomaly

39.9797, 40.2102, 71.9839

Tritanomaly

36.0596, 40.4186, 61.1594

Monochromacy



Original Color

38.1154, 40.3859, 71.4320

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1423, 39.4627, 52.1138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1154, 40.3859, 71.4320 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(139, 173, 217)` looks like.

```
.text, #text, p{  
    color:rgb(139, 173, 217)  
}
```

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(139, 173, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 173, 217) }
```

Border

The CSS property to change the border of an element to XYZ 38.1154, 40.3859, 71.4320 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(139, 173, 217) }
```


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

```
.border{ border-color:rgb(139, 173, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 173, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 173, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 173, 217);  
box-shadow:4px 4px 4px 4px rgb(139, 173,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1154, 40.3859, 71.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 173, 217) }
```

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

```
.background{ background-color: rgb(139,  
173, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor