

Converting Colors

XYZ(38.5229, 43.6385, 68.0207)

Have a look what the booklet for
XYZ(38.5229, 43.6385, 68.0207)
contains.

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Color

**XYZ(38.5229, 43.6385,
68.0207)**

Conversions

Conversions Part 1

Format	Color
Hex	86B7D3
RGB	134, 183, 211
RGB Percent	53%, 72%, 83%
CMY	0.4745, 0.2823, 0.1725
CMYK	0.36, 0.13, 0.00, 0.17
HSL	202°, 47%, 68%
HSV	202°, 36%, 83%
XYZ	38.5229, 43.6385, 68.0207
YIQ	171.5410, -38.1920, -1.6800

Conversions

Conversions Part 2

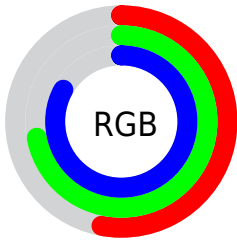
Format	Color
RYB	134, 164, 211
Decimal	8828883
CIELab	71.99, -9.23, -19.27
CIELCh	72, 21.366, 244.416
Yxy	43.6385, 0.2565, 0.2906
Android (android.graphics.Color)	4287018963 (0xFF86B7D3)
YUV	171.5410, 19.4533, -32.9235
Hunter-Lab	66.0594, -11.5108, -14.8087

Details

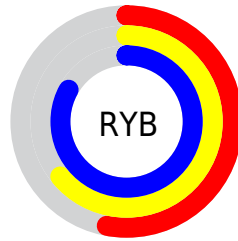
The XYZ color **38.5229, 43.6385, 68.0207** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.0881, 41.4114, 28.2250**, and the grayscale version is **38.9008, 40.9267, 44.5692**.

A 20% lighter version of the original color is **69.9028, 79.7718, 106.3210**, and **17.3767, 20.1149, 34.4192** is the 20% darker color. If you saturate the color by 10%, you get **33.9501, 38.9965, 67.3665**, and if you desaturate by 10%, it is **43.8556, 48.8024, 68.7371**.

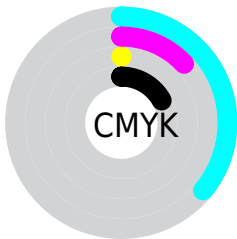
Distribution



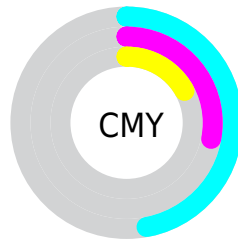
- Red (53%)
- Green (72%)
- Blue (83%)



- Red (53%)
- Yellow (64%)
- Blue (83%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5229, 43.6385, 68.0207 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 38.5229, 43.6385, 68.0207 by changing the saturation by 10% instead.

■ 38.5229, 43.6385,
68.0207

■ 38.5229, 43.6385,
68.0207

331.1000,
361.2310, 472.1694

■ 26.5678, 30.3864,
49.4478

■ 72.2076, 80.6735,
118.0362

■ 17.3838, 20.1321,
34.6067

■ 94.6680, 105.2252,
150.3160

■ 10.6055, 12.4911,
23.0790

■ 121.3609,
134.3122, 188.0017

■ 5.8676, 7.0791,
14.4460

152.6516,
168.3190, 231.5120

■ 2.8046, 3.5116,
8.2892

188.9055,
207.6298, 281.2653

■ 1.0513, 1.4043,
4.1901

230.4880,

■ 0.0000, 0.2199,

252.6292, 337.6803

1.7302

277.7644,
303.7015, 401.1755

■ 0.0000, 0.0000,
0.3813

■ 0.0000, 0.0000,
0.0000

■ 38.5229, 43.6385,
68.0207

■ 38.5229, 43.6385,
68.0207

■ 33.9501, 38.9965,
67.3665

■ 43.8556, 48.8024,
68.7371

■ 30.0917, 34.8478,
66.7691

■ 49.9824, 54.5046,
69.5148

■ 26.9033, 31.1685,
66.2269

■ 56.9399, 60.7671,
70.3569

■ 24.3332, 27.9298,
65.7373

■ 64.7613, 67.6088,
71.2653

■ 22.3215, 25.0987,
65.2968

■ 73.4780, 75.0478,
72.2417

■ 20.7920, 22.6335,
64.9016

■ 81.0277, 82.0227,
73.1901

■ 20.3215, 21.8302,
64.7714

■ 83.1983, 86.3638,
73.9136

■ 85.4639, 90.8949,
74.6688

■ 87.8256, 95.6184,
75.4561

Harmonies

Analogous

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



35.9586, 43.6385, 59.7893



38.5229, 43.6385, 68.0207



42.0192, 43.6385, 70.4743

Triad

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



38.5229, 43.6385, 68.0207



48.8664, 43.6385, 45.9858



37.6398, 43.6385, 32.8025

Complementary

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



38.5229, 43.6385, 68.0207



44.0881, 41.4114, 28.2250

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.



40.9397, 43.6385, 30.1773



38.5229, 43.6385, 68.0207



47.5331, 43.6385, 37.0471

Square

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



38.5229, 43.6385, 68.0207



48.1266, 43.6385, 56.7227



44.5786, 43.6385, 31.6098



35.4701, 43.6385, 39.3617

Rectangle

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



38.5229, 43.6385, 68.0207



44.4428, 43.6385, 68.2407



44.5786, 43.6385, 31.6098



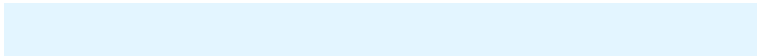
38.6464, 43.6385, 31.4781

Sweetspot

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



38.5243, 43.6402, 68.0217



82.3049, 88.7269, 107.3958



39.5555, 54.2292, 42.0788



17.3046, 18.7100, 22.9493



0.0000, 0.0000, 0.0000



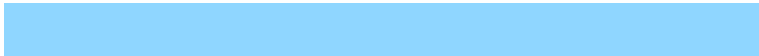
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5243, 43.6402, 68.0217



53.4408, 61.2373, 103.6111



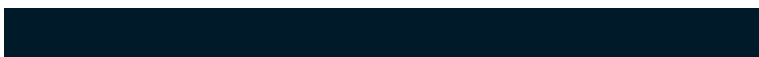
31.8002, 30.1921, 65.7804



11.7819, 12.6540, 15.0651



12.3643, 13.3753, 39.1225



0.7654, 0.8959, 2.2122

Inverse Universe

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



43.9375, 34.3192, 49.1101



63.1959, 45.7103, 69.2459



51.6951, 56.6253, 30.7607



12.1208, 11.9331, 13.9119



18.8717, 9.4215, 14.7623



1.0925, 0.5417, 1.0222

Previews

White Background



This preview shows how the XYZ color 38.5229, 43.6385, 68.0207 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 38.5229, 43.6385, 68.0207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

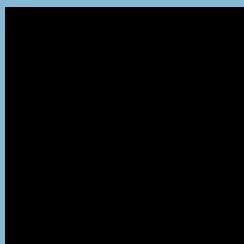
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

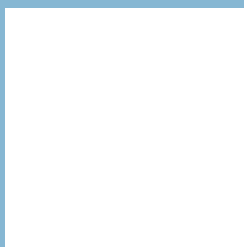
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5229, 43.6385, 68.0207

Background



This preview shows how black text looks on a background with the XYZ color 38.5229, 43.6385, 68.0207.



This preview shows how white text looks on a background with the XYZ color 38.5229, 43.6385,

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

38.5229, 43.6385, 68.0207

Protanopia

42.7331, 43.2259, 63.8488

Deuteranopia

44.2183, 43.3078, 68.9795



Tritanopia

37.1344, 43.6933, 61.1201

Trichromacy



Original Color

38.5229, 43.6385, 68.0207

Protanomaly

40.8893, 43.1174, 65.1989

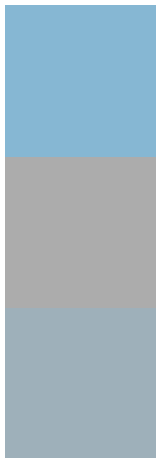
Deuteranomaly

41.7071, 43.1751, 68.4228

Tritanomaly

37.5553, 43.5461, 63.5526

Monochromacy



Original Color

38.5229, 43.6385, 68.0207

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.4888, 41.8649, 52.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5229, 43.6385, 68.0207 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(134, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 211)  
}
```

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(134, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 211) }
```

Border

The CSS property to change the border of an element to XYZ 38.5229, 43.6385, 68.0207 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(134, 183, 211) }
```


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

```
.border{ border-color:rgb(134, 183, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 183, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(134, 183,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5229, 43.6385, 68.0207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 211) }
```

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

```
.background{ background-color: rgb(134,  
183, 211) }
```

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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