

Converting Colors

XYZ(39.3020, 43.1105, 68.2737)

Have a look what the booklet for
XYZ(39.3020, 43.1105, 68.2737)
contains.

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Color

**XYZ(39.3603, 43.1468,
68.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB4D4
RGB	142, 180, 212
RGB Percent	56%, 71%, 83%
CMY	0.4431, 0.2941, 0.1686
CMYK	0.33, 0.15, 0.00, 0.17
HSL	207°, 45%, 69%
HSV	207°, 33%, 83%
XYZ	39.3603, 43.1468, 68.5410
YIQ	172.2860, -32.9200, 1.8960

Conversions

Conversions Part 2

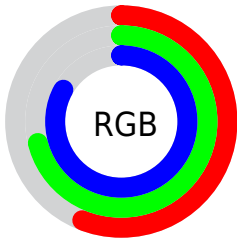
Format	Color
RYB	142, 167, 212
Decimal	9352404
CIELab	71.65, -5.13, -20.28
CIELCh	72, 20.918, 255.790
Yxy	43.1468, 0.2606, 0.2856
Android (android.graphics.Color)	4287542484 (0xFF8EB4D4)
YUV	172.2860, 19.5790, -26.5608
Hunter-Lab	65.6862, -7.9907, -15.8864

Details

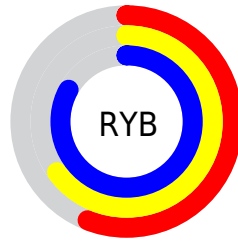
The XYZ color **39.3603, 43.1468, 68.5410** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.1707, 46.2228, 32.0282**, and the grayscale version is **39.2745, 41.3198, 44.9973**.

A 20% lighter version of the original color is **71.0714, 79.0812, 106.1261**, and **17.7950, 19.7369, 34.7700** is the 20% darker color. If you saturate the color by 10%, you get **34.1748, 37.6710, 67.7581**, and if you desaturate by 10%, it is **45.3771, 49.2563, 69.4039**.

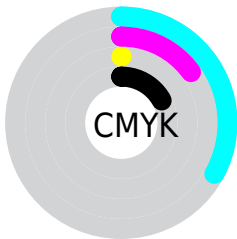
Distribution



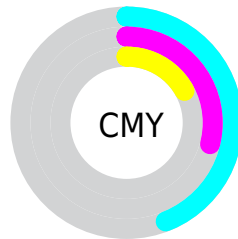
- Red (56%)
- Green (71%)
- Blue (83%)



- Red (56%)
- Yellow (65%)
- Blue (83%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3603, 43.1468, 68.5410 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 39.3603, 43.1468, 68.5410 by changing the saturation by 10% instead.

■ 39.3603, 43.1468,
68.5410

■ 39.3603, 43.1468,
68.5410

334.6008,
359.2151, 474.0604

■ 27.2221, 30.0003,
49.8686

■ 73.4790, 79.9323,
118.7873

■ 17.8776, 19.8388,
34.9385

■ 96.1902, 104.3402,
151.1982

■ 10.9613, 12.2779,
23.3323

123.1564,
133.2706, 189.0256

■ 6.1079, 6.9333,
14.6315

154.7430,
167.1080, 232.6882

■ 2.9521, 3.4204,
8.4174

191.3154,
206.2367, 282.6045

■ 1.1285, 1.3549,
4.2716

233.2390,

■ 0.0487, 0.1832,

251.0413, 339.1929

1.7755

280.8789,
301.9059, 402.8720

■ 0.0000, 0.0000,
0.4117

■ 0.0000, 0.0000,
0.0000

■ 39.3603, 43.1468,
68.5410

■ 39.3603, 43.1468,
68.5410

■ 34.1748, 37.6710,
67.7581

■ 45.3771, 49.2563,
69.4039

■ 29.7743, 32.7978,
67.0494

■ 52.2601, 56.0183,
70.3463

■ 26.1142, 28.5010,
66.4130

■ 60.0468, 63.4573,
71.3718

■ 23.1429, 24.7497,
65.8455

■ 68.7715, 71.5945,
72.4826

■ 20.8015, 21.5088,
65.3433

■ 78.4664, 80.4503,
73.6809

■ 19.0196, 18.7374,
64.9023

■ 83.7420, 87.2500,
74.7153

■ 18.0248, 17.0356,
64.6263

■ 86.6424, 93.0507,
75.6821

■ 88.8838, 97.5335,
76.4293

Harmonies

Analogous

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



36.4412, 43.1468, 62.3954



39.3603, 43.1468, 68.5410



42.8913, 43.1468, 68.3621

Triad

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



39.3603, 43.1468, 68.5410



47.9196, 43.1468, 41.8687



36.3186, 43.1468, 34.6477

Complementary

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



39.3603, 43.1468, 68.5410



47.1707, 46.2228, 32.0282

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.



39.1840, 43.1468, 30.5973



39.3603, 43.1468, 68.5410



45.9450, 43.1468, 34.3382

Square

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



39.3603, 43.1468, 68.5410



47.9735, 43.1468, 51.9327



42.7046, 43.1468, 30.4928



34.7547, 43.1468, 42.3517

Rectangle

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



39.3603, 43.1468, 68.5410



45.1236, 43.1468, 64.6465



42.7046, 43.1468, 30.4928



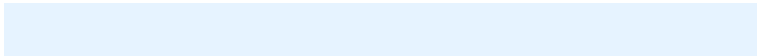
37.1539, 43.1468, 32.8658

Sweetspot

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



39.3617, 43.1485, 68.5420



82.6763, 88.2673, 107.2875



42.2912, 55.8752, 48.3465



17.3485, 18.5582, 22.9177



0.0000, 0.0000, 0.0000



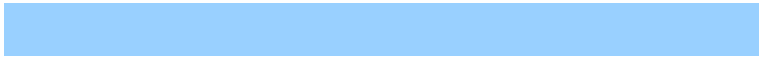
20.3446, 21.4041, 23.3091

Same Dimension

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



39.3617, 43.1485, 68.5420



53.8339, 59.2863, 103.2138



33.2422, 30.9096, 66.5022



12.2956, 13.1146, 15.8208



11.2289, 10.7195, 39.9304



0.7596, 0.8112, 2.4359

Inverse Universe

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



45.0638, 36.6396, 47.8789



64.0624, 48.6149, 65.9227



54.7127, 61.3069, 34.5423



12.7024, 12.5325, 14.3730



18.7267, 9.4270, 11.1306



1.1711, 0.5852, 0.8902

Previews

White Background



This preview shows how the XYZ color 39.3603, 43.1468, 68.5410 looks on a white background.

Color Contrast Check

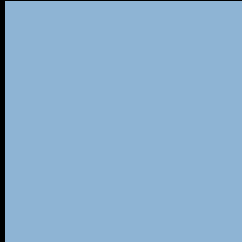
Large Text (above 18pt) WCAG AA × Fail

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 39.3603, 43.1468, 68.5410 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 39.3603, 43.1468, 68.5410

Background



This preview shows how black text looks on a background with the XYZ color 39.3603, 43.1468, 68.5410.



This preview shows how white text looks on a background with the XYZ color 39.3603, 43.1468,

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

39.3603, 43.1468, 68.5410

Protanopia

42.6697, 43.1510, 65.7546

Deuteranopia

43.9341, 42.8651, 69.5765



Tritanopia

37.6590, 43.3872, 59.2130

Trichromacy



Original Color

39.3603, 43.1468, 68.5410

Protanomaly

41.3320, 43.0250, 66.4478

Deuteranomaly

42.0466, 42.7576, 68.9877

Tritanomaly

38.2038, 43.2956, 62.2204

Monochromacy



Original Color

39.3603, 43.1468, 68.5410

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9976, 41.8249, 53.0313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3603, 43.1468, 68.5410 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(142, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(142, 180, 212)  
}
```

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(142, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 180, 212) }
```

Border

The CSS property to change the border of an element to XYZ 39.3603, 43.1468, 68.5410 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(142, 180, 212) }
```


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

```
.border{ border-color:rgb(142, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(142, 180,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3603, 43.1468, 68.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 180, 212) }
```

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

```
.background{ background-color: rgb(142,  
180, 212) }
```

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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