

Converting Colors

XYZ(38.6559, 41.3137, 68.3953)

Have a look what the booklet for
XYZ(38.6559, 41.3137, 68.3953)
contains.

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Color

**XYZ(38.5413, 41.2531,
68.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAFD4
RGB	143, 175, 212
RGB Percent	56%, 69%, 83%
CMY	0.4392, 0.3137, 0.1686
CMYK	0.33, 0.17, 0.00, 0.17
HSL	212°, 45%, 70%
HSV	212°, 33%, 83%
XYZ	38.5413, 41.2531, 68.2186
YIQ	169.6500, -30.9490, 4.7230

Conversions

Conversions Part 2

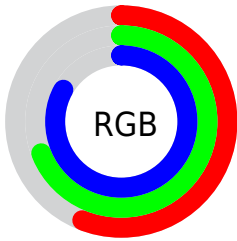
Format	Color
R_{YB}	143, 165, 212
Decimal	9416660
CIE _{Lab}	70.35, -2.13, -22.25
CIE _{LCh}	70, 22.354, 264.539
Y _{xy}	41.2531, 0.2604, 0.2787
Android (android.graphics.Color)	4287606740 (0xFF8FAFD4)
YUV	169.6500, 20.8785, -23.3721
Hunter-Lab	64.2286, -5.2885, -18.0132

Details

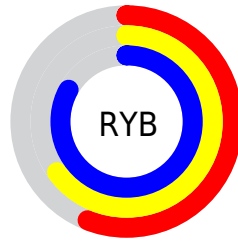
The XYZ color **38.5413, 41.2531, 68.2186** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **48.4311, 48.6230, 32.8203**, and the grayscale version is **37.9459, 39.9221, 43.4751**.

A 20% lighter version of the original color is **69.6355, 75.8194, 105.5722**, and **17.3852, 18.7739, 34.6057** is the 20% darker color. If you saturate the color by 10%, you get **33.0923, 35.2975, 67.3570**, and if you desaturate by 10%, it is **44.8727, 47.9421, 69.1767**.

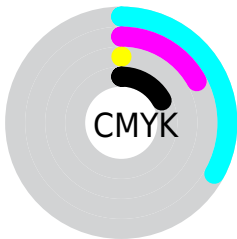
Distribution



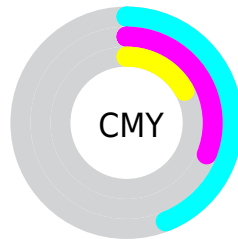
- Red (56%)
- Green (69%)
- Blue (83%)



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



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



- Cyan (44%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5413, 41.2531, 68.2186 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 38.5413, 41.2531, 68.2186 by changing the saturation by 10% instead.

■ 38.5413, 41.2531,
68.2186

■ 38.5413, 41.2531,
68.2186

331.1772,
351.3773, 472.8892

■ 26.5822, 28.5169,
49.6078

■ 72.2356, 77.0680,
118.3220

■ 17.3946, 18.7157,
34.7329

■ 94.7015, 100.9154,
150.6516

■ 10.6133, 11.4650,
23.1753

121.4005,
129.2354, 188.3913

■ 5.8728, 6.3805,
14.5165

152.6977,
162.4123, 231.9596

■ 2.8078, 3.0778,
8.3379

188.9586,
200.8306, 281.7750

■ 1.0530, 1.1725,
4.2211

230.5486,

■ 0.0000, 0.0391,

244.8746, 338.2560

1.7474

277.8330,
294.9287, 401.8212

■ 0.0000, 0.0000,
0.3929

■ 0.0000, 0.0000,
0.0000

■ 38.5413, 41.2531,
68.2186

■ 38.5413, 41.2531,
68.2186

■ 33.0923, 35.2975,
67.3570

■ 44.8727, 47.9421,
69.1767

■ 28.4780, 30.0410,
66.5855

■ 52.1232, 55.3869,
70.2316

■ 24.6520, 25.4535,
65.9017

■ 60.3318, 63.6150,
71.3871

■ 21.5611, 21.5004,
65.3016

■ 69.5341, 72.6510,
72.6462

■ 19.1447, 18.1427,
64.7809

■ 79.7640, 82.5181,
74.0116

■ 17.3307, 15.3351,
64.3346

■ 85.2371, 90.2402,
75.2136

■ 16.2819, 13.5497,
64.0452

■ 88.7491, 97.2641,
76.3843

■ 88.8838, 97.5335,
76.4292

Harmonies

Analogous

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



35.2524, 41.2531, 63.4947



38.5413, 41.2531, 68.2186



42.2176, 41.2531, 65.9511

Triad

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



38.5413, 41.2531, 68.2186



45.9939, 41.2531, 37.0280



33.7325, 41.2531, 34.1724

Complementary

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



38.5413, 41.2531, 68.2186



48.4311, 48.6230, 32.8203

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.



36.3484, 41.2531, 28.9119



38.5413, 41.2531, 68.2186



43.4529, 41.2531, 30.3713

Square

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



38.5413, 41.2531, 68.2186



46.6712, 41.2531, 46.8709



39.8861, 41.2531, 27.6372



32.5893, 41.2531, 43.0194

Rectangle

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



38.5413, 41.2531, 68.2186



44.3765, 41.2531, 60.9373



39.8861, 41.2531, 27.6372



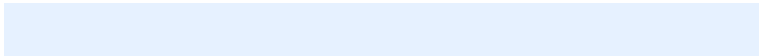
34.4606, 41.2531, 31.9846

Sweetspot

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



38.5426, 41.2547, 68.2196



82.0750, 87.0646, 107.0871



43.0899, 56.2146, 51.6537



17.2031, 18.2675, 22.8692



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.



38.5426, 41.2547, 68.2196



52.7175, 56.3314, 102.7023



33.4371, 30.4465, 66.4025



12.2126, 12.9485, 15.7932



10.1496, 8.5610, 39.5707



0.6945, 0.6810, 2.4142

Inverse Universe

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



44.7127, 36.7382, 45.2938



63.6752, 49.1350, 61.8029



54.9952, 62.7285, 35.1969



12.6605, 12.5157, 14.1524



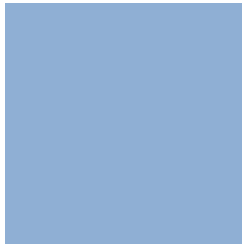
18.1819, 9.2091, 8.2620



1.1382, 0.5721, 0.7172

Previews

White Background



This preview shows how the XYZ color 38.5413, 41.2531, 68.2186 looks on a white background.

Color Contrast Check

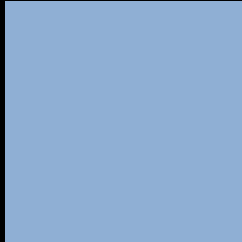
Large Text (above 18pt) WCAG AA × Fail

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 38.5413, 41.2531, 68.2186 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

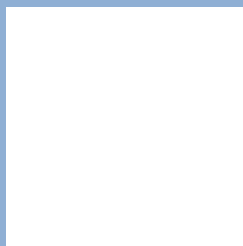
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5413, 41.2531, 68.2186

Background



This preview shows how black text looks on a background with the XYZ color 38.5413, 41.2531, 68.2186.



This preview shows how white text looks on a background with the XYZ color 38.5413, 41.2531,

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

38.5413, 41.2531, 68.2186

Protanopia

40.9876, 41.1394, 66.1020

Deuteranopia

41.9492, 41.0248, 68.6584



Tritanopia

36.1935, 41.1800, 56.4930

Trichromacy



Original Color

38.5413, 41.2531, 68.2186

Protanomaly

40.0957, 41.2261, 66.8169

Deuteranomaly

40.6737, 41.1990, 68.7593

Tritanomaly

36.9627, 41.1899, 60.6459

Monochromacy



Original Color

38.5413, 41.2531, 68.2186

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0067, 40.4814, 51.7095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5413, 41.2531, 68.2186 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(143, 175, 212)` looks like.

```
.text, #text, p{  
    color:rgb(143, 175, 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(143, 175, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 175, 212) }
```

Border

The CSS property to change the border of an element to XYZ 38.5413, 41.2531, 68.2186 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(143, 175, 212) }
```


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

```
.border{ border-color:rgb(143, 175, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 175, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 175, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 175, 212);  
box-shadow:4px 4px 4px 4px rgb(143, 175,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5413, 41.2531, 68.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 175, 212) }
```

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

```
.background{ background-color: rgb(143,  
175, 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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