

Converting Colors

XYZ(38.8793, 41.8931, 51.5007)

Have a look what the booklet for
XYZ(38.8793, 41.8931, 51.5007)
contains.

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Color

**XYZ(38.8820, 41.8020,
51.3667)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AFB8
RGB	162, 175, 184
RGB Percent	64%, 69%, 72%
CMY	0.3647, 0.3137, 0.2784
CMYK	0.12, 0.05, 0.00, 0.28
HSL	205°, 13%, 68%
HSV	205°, 12%, 72%
XYZ	38.8820, 41.8020, 51.3667
YIQ	172.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

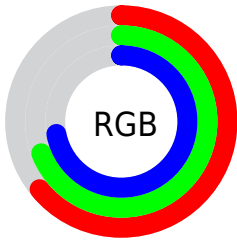
Format	Color
RYB	162, 170, 184
Decimal	10661816
CIELab	70.73, -2.68, -6.15
CIELCh	71, 6.712, 246.430
Yxy	41.8020, 0.2944, 0.3166
Android (android.graphics.Color)	4288851896 (0xFFA2AFB8)
YUV	172.1390, 5.8475, -8.8919
Hunter-Lab	64.6545, -5.7987, -1.8466

Details

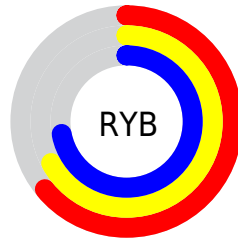
The XYZ color **38.8820, 41.8020, 51.3667** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8519, 41.9247, 40.1224**, and the grayscale version is **39.2592, 41.3037, 44.9798**.

A 20% lighter version of the original color is **72.6403, 77.6366, 93.5949**, and **17.6101, 19.1196, 24.2350** is the 20% darker color. If you saturate the color by 10%, you get **33.9905, 37.1673, 50.7306**, and if you desaturate by 10%, it is **44.4045, 46.8854, 52.0575**.

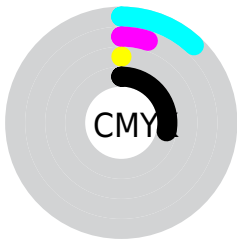
Distribution



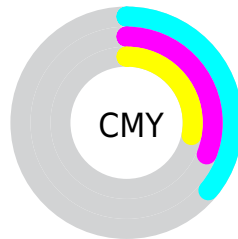
- Red (64%)
- Green (69%)
- Blue (72%)



- Red (64%)
- Yellow (67%)
- Blue (72%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8820, 41.8020, 51.3667 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 38.8820, 41.8020, 51.3667 by changing the saturation by 10% instead.

■ 38.8820, 41.8020,
51.3667

■ 38.8820, 41.8020,
51.3667

332.6044,
353.6615, 408.8740

■ 26.8483, 28.9463,
36.1218

■ 72.7532, 77.8999,
93.6136

■ 17.5953, 19.0402,
24.2378

■ 95.3215, 101.9108,
121.4527

■ 10.7577, 11.6993,
15.2963

122.1319,
130.4090, 154.3269

■ 5.9703, 6.5393,
8.8787

153.5498,
163.7787, 192.6548

■ 2.8675, 3.1757,
4.5664

189.9407,
202.4044, 236.8549

■ 1.0841, 1.2241,
1.9409

231.6698,

■ 0.0117, 0.0813,

246.6705, 287.3458

0.5186

279.1026,
296.9614, 344.5460

■ 0.0000, 0.0000,
0.0000

■ 38.8820, 41.8020,
51.3667

■ 38.8820, 41.8020,
51.3667

■ 33.9905, 37.1673,
50.7306

■ 44.4045, 46.8854,
52.0575

■ 29.7015, 32.9613,
50.1448

■ 50.5778, 52.4263,
52.8016

■ 25.9892, 29.1699,
49.6086

■ 57.4254, 58.4398,
53.6014

■ 22.8250, 25.7761,
49.1204

■ 64.9685, 64.9385,
54.4582

■ 20.1771, 22.7617,
48.6781

■ 73.2271, 71.9348,
55.3734

■ 18.0105, 20.1062,
48.2797

■ 75.5259, 75.9889,
56.0347

■ 16.2852, 17.7868,
47.9229

■ 77.5476, 80.0322,
56.7086

■ 14.9537, 15.7769,
47.6052

■ 79.6593, 84.2556,
57.4125

■ 14.0937, 14.3444,
47.3740

■ 81.8622, 88.6614,
58.1468

Harmonies

Analogous

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



38.0346, 41.8020, 49.2525



38.8820, 41.8020, 51.3667



39.9717, 41.8020, 51.8808

Triad

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



38.8820, 41.8020, 51.3667



41.8961, 41.8020, 44.8324



38.4743, 41.8020, 40.7603

Complementary

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



38.8820, 41.8020, 51.3667



40.8519, 41.9247, 40.1224

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.



39.4924, 41.8020, 39.6929



38.8820, 41.8020, 51.3667



41.4783, 41.8020, 41.9721

Square

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



38.8820, 41.8020, 51.3667



41.7254, 41.8020, 48.0101



40.5934, 41.8020, 40.1260



37.8023, 41.8020, 43.1084

Rectangle

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



38.8820, 41.8020, 51.3667



40.6916, 41.8020, 51.2267



40.5934, 41.8020, 40.1260



38.7867, 41.8020, 40.2450

Sweetspot

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



38.8832, 41.8037, 51.3676



78.2845, 82.9785, 94.0950



39.3732, 44.8958, 45.0195



16.7099, 17.7361, 20.2643



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.8832, 41.8037, 51.3676



68.3663, 73.7949, 92.8452



36.8641, 37.7655, 50.6946



8.9503, 9.5779, 11.4564



9.7840, 10.0278, 32.6730



0.4042, 0.4720, 1.1716

Inverse Universe

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



40.4263, 39.1271, 45.9810



71.6630, 68.1735, 81.3156



42.9765, 46.1737, 40.8306



9.2213, 9.0989, 10.5127



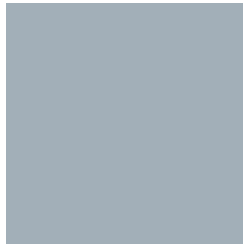
15.5522, 7.7946, 10.7947



0.5782, 0.2867, 0.5380

Previews

White Background



This preview shows how the XYZ color 38.8820, 41.8020, 51.3667 looks on a white background.

Color Contrast Check

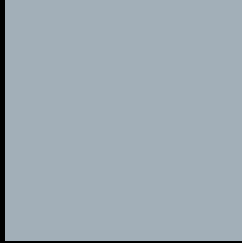
Large Text (above 18pt) WCAG AA × Fail

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 38.8820, 41.8020, 51.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

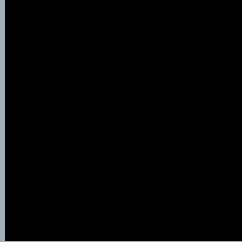
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

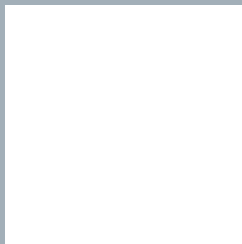
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8820, 41.8020, 51.3667

Background



This preview shows how black text looks on a background with the XYZ color 38.8820, 41.8020, 51.3667.



This preview shows how white text looks on a background with the XYZ color 38.8820, 41.8020,

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

38.8820, 41.8020, 51.3667

Protanopia

40.4296, 41.7667, 50.1869

Deuteranopia

42.5268, 41.6984, 51.7061



Tritanopia

39.3174, 41.6895, 53.5516

Trichromacy



Original Color

38.8820, 41.8020, 51.3667

Protanomaly

39.8530, 41.7411, 50.7561

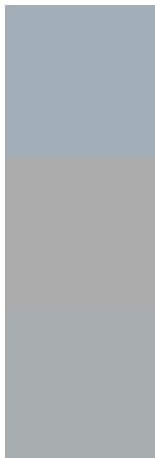
Deuteranomaly

41.2244, 41.8587, 51.8057

Tritanomaly

39.2099, 41.6465, 52.9857

Monochromacy



Original Color

38.8820, 41.8020, 51.3667

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9285, 41.3466, 47.0032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8820, 41.8020, 51.3667 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(162, 175, 184)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 184)  
}
```

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(162, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.8820, 41.8020, 51.3667 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(162, 175, 184) }
```


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

```
.border{ border-color:rgb(162, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8820, 41.8020, 51.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 184) }
```

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

```
.background{ background-color: rgb(162,  
175, 184) }
```

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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