

Converting Colors

XYZ(41.3241, 44.8333, 51.8231)

Have a look what the booklet for
XYZ(41.3241, 44.8333, 51.8231)
contains.

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Color

**XYZ(41.3241, 44.8333,
51.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B5B8
RGB	168, 181, 184
RGB Percent	66%, 71%, 72%
CMY	0.3412, 0.2902, 0.2784
CMYK	0.09, 0.02, 0.00, 0.28
HSL	191°, 10%, 69%
HSV	191°, 9%, 72%
XYZ	41.3241, 44.8333, 51.8231
YIQ	177.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

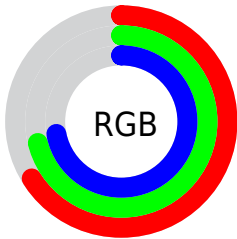
Format	Color
RYB	168, 175, 184
Decimal	11056568
CIELab	72.78, -3.90, -3.08
CIELCh	73, 4.968, 218.329
Yxy	44.8333, 0.2995, 0.3249
Android (android.graphics.Color)	4289246648 (0xFFA8B5B8)
YUV	177.4550, 3.2267, -8.2920
Hunter-Lab	66.9577, -7.0115, 0.9818

Details

The XYZ color **41.3241, 44.8333, 51.8231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.3982, 42.1431, 42.9991**, and the grayscale version is **42.0172, 44.2053, 48.1396**.

A 20% lighter version of the original color is **76.4438, 82.5476, 94.3423**, and **19.0184, 20.7900, 24.4832** is the 20% darker color. If you saturate the color by 10%, you get **36.9888, 41.5719, 51.4228**, and if you desaturate by 10%, it is **46.2337, 48.4189, 52.2571**.

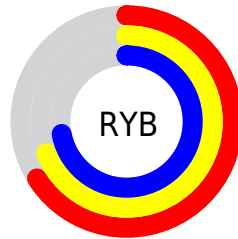
Distribution



Red (66%)

Green (71%)

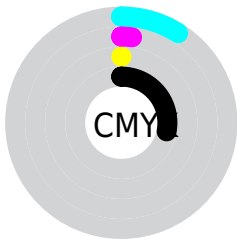
Blue (72%)



Red (66%)

Yellow (69%)

Blue (72%)

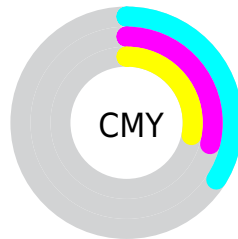


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (34%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3241, 44.8333, 51.8231 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 41.3241, 44.8333, 51.8231 by changing the saturation by 10% instead.

■ 41.3241, 44.8333,
51.8231

■ 41.3241, 44.8333,
51.8231

342.7129,
366.0980, 410.6908

■ 28.7612, 31.3261,
36.4828

■ 76.4472, 82.4702,
94.2942

■ 19.0436, 20.8473,
24.5147

■ 99.7382, 107.3687,
122.2621

■ 11.8060, 13.0124,
15.5001

127.3359,
136.8332, 155.2764

■ 6.6830, 7.4371,
9.0206

159.6057,
171.2480, 193.7554

■ 3.3092, 3.7369,
4.6576

196.9129,
210.9974, 238.1178

■ 1.3193, 1.5275,
1.9926

239.6230,

■ 0.1976, 0.3080,

256.4660, 288.7822

0.5507

288.1012,
308.0381, 346.1670

■ 0.0000, 0.0000,
0.0000

■ 41.3241, 44.8333,
51.8231

■ 41.3241, 44.8333,
51.8231

■ 36.9888, 41.5719,
51.4228

■ 46.2337, 48.4189,
52.2571

■ 33.2006, 38.6169,
51.0521

■ 51.7355, 52.3346,
52.7229

■ 29.9358, 35.9571,
50.7108

■ 57.8517, 56.5930,
53.2225

■ 27.1676, 33.5786,
50.3975

■ 64.6019, 61.2046,
53.7569

■ 24.8667, 31.4659,
50.1110

■ 70.1405, 65.2180,
54.2397

■ 23.0005, 29.6021,
49.8496

■ 70.9386, 66.8143,
54.5057

■ 21.5322, 27.9680,
49.6116

■ 71.7548, 68.4467,
54.7778

■ 20.4185, 26.5412,
49.3949

■ 72.5892, 70.1154,
55.0559

■ 19.5854, 25.2833,
49.1960

■ 73.4418, 71.8207,
55.3401

Harmonies

Analogous

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



40.9917, 44.8333, 49.5076



41.3241, 44.8333, 51.8231



42.0028, 44.8333, 53.3672

Triad

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



41.3241, 44.8333, 51.8231



44.1736, 44.8333, 50.5920



42.3728, 44.8333, 44.2627

Complementary

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



41.3241, 44.8333, 51.8231



41.3982, 42.1431, 42.9991

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.



43.2285, 44.8333, 44.5309



41.3241, 44.8333, 51.8231



44.2759, 44.8333, 48.1306

Square

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



41.3241, 44.8333, 51.8231



43.6502, 44.8333, 52.6399



43.9278, 44.8333, 45.9272



41.5918, 44.8333, 45.1816

Rectangle

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



41.3241, 44.8333, 51.8231



42.5643, 44.8333, 53.7223



43.9278, 44.8333, 45.9272



42.6611, 44.8333, 44.2176

Sweetspot

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



41.3254, 44.8352, 51.8241



79.8052, 84.8693, 94.3798



40.6341, 45.5443, 45.1449



17.0498, 18.1833, 20.3327



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.



41.3254, 44.8352, 51.8241



73.6912, 80.3681, 93.8333



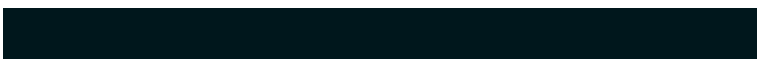
39.7573, 41.6991, 51.3014



9.1198, 9.9169, 11.5129



13.4762, 17.4121, 33.9037



0.5125, 0.6888, 1.2077

Inverse Universe

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



42.1113, 41.5328, 49.5154



75.3459, 73.4566, 88.9636



42.9425, 45.2318, 43.5139



9.3068, 9.1331, 10.9631



17.4159, 8.5401, 20.6085



0.6329, 0.3086, 0.8261

Previews

White Background



This preview shows how the XYZ color 41.3241, 44.8333, 51.8231 looks on a white background.

Color Contrast Check

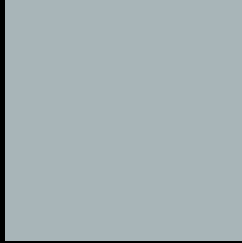
Large Text (above 18pt) WCAG AA × Fail

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 41.3241, 44.8333, 51.8231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

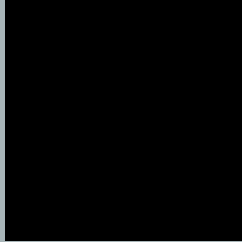
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

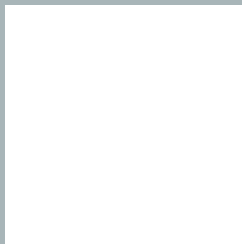
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3241, 44.8333, 51.8231

Background



This preview shows how black text looks on a background with the XYZ color 41.3241, 44.8333, 51.8231.



This preview shows how white text looks on a background with the XYZ color 41.3241, 44.8333, 51.8231.

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

41.3241, 44.8333, 51.8231

Protanopia

42.9880, 44.5250, 50.5844

Deuteranopia

45.5447, 44.6388, 52.6701



Tritanopia

42.4353, 44.6813, 57.4267

Trichromacy



Original Color

41.3241, 44.8333, 51.8231

Protanomaly

42.3721, 44.4898, 51.1539

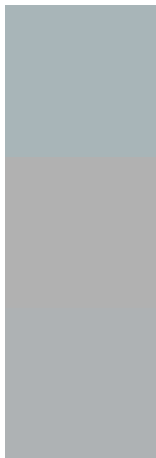
Deuteranomaly

43.8107, 44.6207, 52.2025

Tritanomaly

41.9777, 44.7952, 55.1491

Monochromacy



Original Color

41.3241, 44.8333, 51.8231

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6142, 44.1347, 49.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3241, 44.8333, 51.8231 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(168, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(168, 181, 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(168, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.3241, 44.8333, 51.8231 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(168, 181, 184) }
```


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

```
.border{ border-color:rgb(168, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(168, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3241, 44.8333, 51.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 181, 184) }
```

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

```
.background{ background-color: rgb(168,  
181, 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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