

Converting Colors

XYZ(41.1362, 43.4689, 53.8345)

Have a look what the booklet for
XYZ(41.1362, 43.4689, 53.8345)
contains.

XYZ(41.1614, 43.5101, 53.8058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.1614, 43.5101,
53.8058)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B1BC
RGB	169, 177, 188
RGB Percent	66%, 69%, 74%
CMY	0.3372, 0.3059, 0.2627
CMYK	0.10, 0.06, 0.00, 0.26
HSL	215°, 12%, 70%
HSV	215°, 10%, 74%
XYZ	41.1614, 43.5101, 53.8058
YIQ	175.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

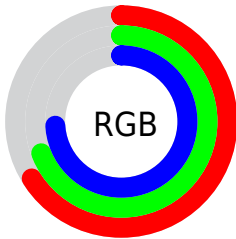
Format	Color
RYB	169, 175, 188
Decimal	11121084
CIELab	71.90, -0.59, -6.57
CIElCh	72, 6.595, 264.847
Yxy	43.5101, 0.2972, 0.3142
Android (android.graphics.Color)	4289311164 (0xFFA9B1BC)
YUV	175.8620, 5.9840, -6.0180
Hunter-Lab	65.9622, -4.0471, -2.1897

Details

The XYZ color **41.1614, 43.5101, 53.8058** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.2219, 46.1982, 44.1233**, and the grayscale version is **41.1689, 43.3129, 47.1677**.

A 20% lighter version of the original color is **76.2085, 80.6568, 97.1396**, and **18.9169, 19.9465, 25.7747** is the 20% darker color. If you saturate the color by 10%, you get **35.3505, 37.4509, 52.9432**, and if you desaturate by 10%, it is **47.7263, 50.2147, 54.7546**.

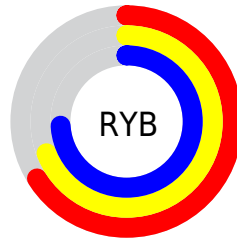
Distribution



Red (66%)

Green (69%)

Blue (74%)



Red (66%)

Yellow (69%)

Blue (74%)

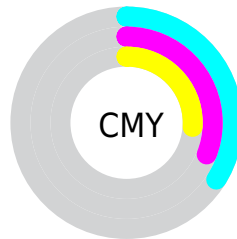


Cyan (10%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1614, 43.5101, 53.8058 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 41.1614, 43.5101, 53.8058 by changing the saturation by 10% instead.

■ 41.1614, 43.5101,
53.8058

■ 41.1614, 43.5101,
53.8058

342.0458,
360.7054, 418.5227

■ 28.6334, 30.2856,
38.0543

■ 76.2020, 80.4801,
97.2426

■ 18.9466, 20.0554,
25.7227

■ 99.4454, 104.9943,
125.7649

■ 11.7355, 12.4353,
16.3924

126.9912,
134.0405, 159.3813

■ 6.6347, 7.0409,
9.6449

159.2050,
168.0031, 198.5103

■ 3.2790, 3.4877,
5.0616

196.4520,
207.2665, 243.5704

■ 1.3030, 1.3913,
2.2241

239.0975,

■ 0.1854, 0.2103,

252.2150, 294.9801

0.6882

287.5070,
303.2332, 353.1580

■ 0.0000, 0.0000,
0.0000

■ 41.1614, 43.5101,
53.8058

■ 41.1614, 43.5101,
53.8058

■ 35.3505, 37.4509,
52.9432

■ 47.7263, 50.2147,
54.7546

■ 30.2610, 32.0111,
52.1615

■ 55.0682, 57.5789,
55.7891

■ 25.8638, 27.1706,
51.4589

■ 63.2141, 65.6233,
56.9124

■ 22.1259, 22.9060,
50.8328

■ 72.1884, 74.3657,
58.1269

■ 19.0118, 19.1925,
50.2801

■ 79.0088, 82.2740,
59.2939

■ 16.4820, 16.0026,
49.7978

■ 82.1571, 88.5706,
60.3433

■ 14.4920, 13.3064,
49.3822

■ 85.4982, 95.2528,
61.4570

■ 12.9900, 11.0692,
49.0296

■ 86.0772, 96.4109,
61.6500

■ 11.8865, 9.2494,
48.7365

Harmonies

Analogous

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



40.1241, 43.5101, 52.6140



41.1614, 43.5101, 53.8058



42.2692, 43.5101, 53.2120

Triad

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



41.1614, 43.5101, 53.8058



43.3458, 43.5101, 44.8234



39.6143, 43.5101, 43.9026

Complementary

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



41.1614, 43.5101, 53.8058



44.2219, 46.1982, 44.1233

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.



40.4542, 43.5101, 41.9815



41.1614, 43.5101, 53.8058



42.6109, 43.5101, 42.4960

Square

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



41.1614, 43.5101, 53.8058



43.5434, 43.5101, 47.9327



41.5493, 43.5101, 41.4784



39.2413, 43.5101, 46.8218

Rectangle

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



41.1614, 43.5101, 53.8058



42.8968, 43.5101, 51.8968



41.5493, 43.5101, 41.4784



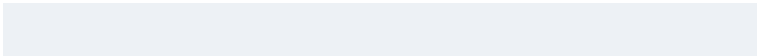
39.8507, 43.5101, 43.1240

Sweetspot

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



41.1627, 43.5119, 53.8068



82.8504, 87.3075, 98.7116



42.5606, 47.6880, 50.0177



17.6061, 18.5608, 21.1972



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.1627, 43.5119, 53.8068



72.2874, 76.4668, 97.1758



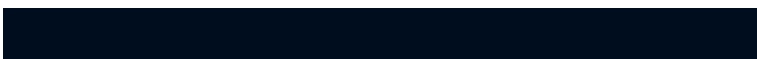
39.9011, 40.5834, 53.3080



9.3379, 9.8680, 12.0848



8.1630, 6.4378, 33.2053



0.3846, 0.3818, 1.3223

Inverse Universe

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



42.8638, 42.2425, 47.4915



75.9704, 73.7838, 83.4886



45.5737, 49.3629, 44.6629



9.6924, 9.6013, 10.7691



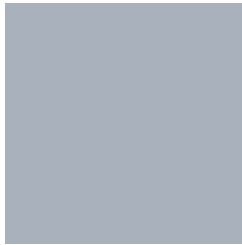
15.1211, 7.6796, 5.9312



0.6250, 0.3139, 0.4047

Previews

White Background



This preview shows how the XYZ color 41.1614, 43.5101, 53.8058 looks on a white background.

Color Contrast Check

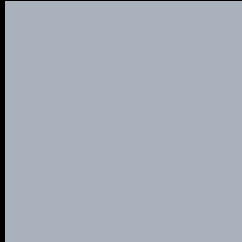
Large Text (above 18pt) WCAG AA × Fail

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 41.1614, 43.5101, 53.8058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

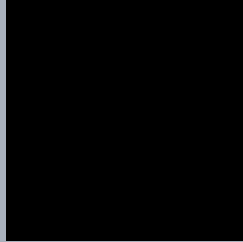
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1614, 43.5101, 53.8058

Background



This preview shows how black text looks on a background with the XYZ color 41.1614, 43.5101, 53.8058.

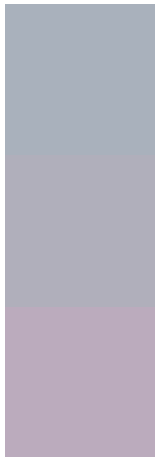


This preview shows how white text looks on a background with the XYZ color 41.1614, 43.5101,

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

41.1614, 43.5101, 53.8058

Protanopia

42.2041, 43.4779, 53.1814

Deuteranopia

44.2417, 43.3647, 54.1826



Tritanopia

41.4883, 43.6409, 55.5271

Trichromacy



Original Color

41.1614, 43.5101, 53.8058

Protanomaly

41.7286, 43.5228, 53.2151

Deuteranomaly

42.9513, 43.2646, 54.2312

Tritanomaly

41.3786, 43.5970, 54.9494

Monochromacy



Original Color

41.1614, 43.5101, 53.8058

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9971, 43.2302, 49.3635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1614, 43.5101, 53.8058 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(169, 177, 188) looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 188)  
}
```

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(169, 177, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.1614, 43.5101, 53.8058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

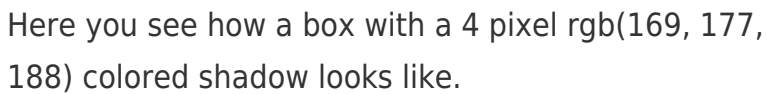
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 177, 188) }
```


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

```
.border{ border-color:rgb(169, 177, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 177, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 177, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 177, 188); box-shadow:4px 4px 4px 4px rgb(169, 177, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1614, 43.5101, 53.8058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 188) }
```

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

```
.background{ background-color: rgb(169,  
177, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor