

Converting Colors

XYZ(33.5772, 35.4030, 41.0200)

Have a look what the booklet for
XYZ(33.5772, 35.4030, 41.0200)
contains.

XYZ(33.5324, 35.4110, 41.1441)	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(33.5324, 35.4110,
41.1441)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA1A6
RGB	157, 161, 166
RGB Percent	62%, 63%, 65%
CMY	0.3843, 0.3686, 0.3490
CMYK	0.05, 0.03, 0.00, 0.35
HSL	213°, 5%, 63%
HSV	213°, 5%, 65%
XYZ	33.5324, 35.4110, 41.1441
YIQ	160.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

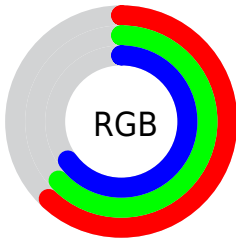
Format	Color
RYB	157, 160, 166
Decimal	10330534
CIELab	66.07, -0.44, -3.10
CIElCh	66, 3.128, 261.961
Yxy	35.4110, 0.3046, 0.3217
Android (android.graphics.Color)	4288520614 (0xFF9DA1A6)
YUV	160.3740, 2.7736, -2.9590
Hunter-Lab	59.5071, -3.5524, 0.6610

Details

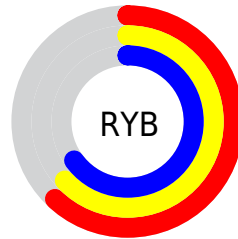
The XYZ color **33.5324, 35.4110, 41.1441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7321, 36.3816, 37.0905**, and the grayscale version is **33.5759, 35.3245, 38.4684**.

A 20% lighter version of the original color is **64.7584, 68.3292, 78.1823**, and **14.5571, 15.4309, 18.1308** is the 20% darker color. If you saturate the color by 10%, you get **28.9596, 30.7508, 40.4861**, and if you desaturate by 10%, it is **38.6661, 40.5386, 41.8638**.

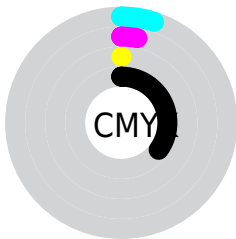
Distribution



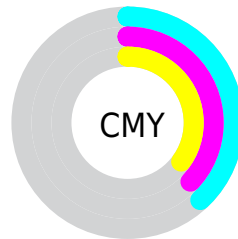
- Red (62%)
- Green (63%)
- Blue (65%)



- Red (62%)
- Yellow (63%)
- Blue (65%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5324, 35.4110, 41.1441 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 33.5324, 35.4110, 41.1441 by changing the saturation by 10% instead.

■ 33.5324, 35.4110,
41.1441

■ 33.5324, 35.4110,
41.1441

309.6647,
326.3788, 366.6170

■ 22.6958, 23.9796,
28.1111

■ 64.5550, 68.1220,
78.1586

■ 14.4885, 15.3185,
18.1697

■ 85.4717, 90.1704,
102.9773

■ 8.5452, 9.0432,
10.9012

110.4791,
116.5266, 132.5616

■ 4.5004, 4.7694,
5.8871

139.9426,
147.5751, 167.3302

■ 1.9890, 2.1126,
2.7089

174.2276,
183.7001, 207.7014

■ 0.6278, 0.6717,
0.9479

213.6993,

■ 0.0000, 0.0000,

225.2861, 254.0939

0.0000

258.7233,
272.7176, 306.9263

■ 33.5324, 35.4110,
41.1441

■ 33.5324, 35.4110,
41.1441

■ 28.9596, 30.7508,
40.4861

■ 38.6661, 40.5386,
41.8638

■ 24.9244, 26.5393,
39.8859

■ 44.3767, 46.1425,
42.6445

■ 21.4064, 22.7631,
39.3425

■ 50.6833, 52.2373,
43.4885

■ 18.3827, 19.4062,
38.8539

■ 57.6034, 58.8352,
44.3973

■ 15.8284, 16.4517,
38.4182

■ 65.1535, 65.9482,
45.3723

■ 13.7165, 13.8813,
38.0334

■ 72.7578, 73.2827,
46.3872

■ 12.0166, 11.6747,
37.6971

■ 75.1904, 78.1479,
47.1981

■ 10.6942, 9.8093,
37.4067

■ 77.7576, 83.2823,
48.0538

■ 9.7060, 8.2579,
37.1594

■ 80.4615, 88.6902,
48.9551

Harmonies

Analogous

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



33.1100, 35.4110, 40.6056



33.5324, 35.4110, 41.1441



33.9921, 35.4110, 40.9768

Triad

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



33.5324, 35.4110, 41.1441



34.4919, 35.4110, 37.6082



32.9588, 35.4110, 37.0024

Complementary

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



33.5324, 35.4110, 41.1441



34.7321, 36.3816, 37.0905

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.



33.3243, 35.4110, 36.2335



33.5324, 35.4110, 41.1441



34.2102, 35.4110, 36.5777

Square

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



33.5324, 35.4110, 41.1441



34.5489, 35.4110, 38.9152



33.7821, 35.4110, 36.0798



32.7808, 35.4110, 38.2001

Rectangle

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



33.5324, 35.4110, 41.1441



34.2576, 35.4110, 40.4892



33.7821, 35.4110, 36.0798



33.0637, 35.4110, 36.6864

Sweetspot

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



33.5334, 35.4125, 41.1449



63.8965, 67.3225, 75.1021



34.0585, 37.0480, 39.5156



14.3222, 15.0889, 16.8097



80.6108, 84.8088, 92.3568



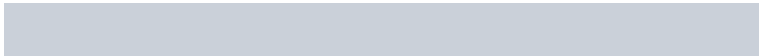
14.7206, 15.4872, 16.8656

Same Dimension

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



33.5334, 35.4125, 41.1449



59.3701, 62.7650, 74.4610



32.9330, 34.0811, 40.9195



7.5994, 8.0355, 9.5688



7.2726, 6.0055, 28.7514



0.2283, 0.2489, 0.7167

Inverse Universe

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



34.2167, 34.7948, 38.6326



60.9878, 61.3266, 68.5074



35.3543, 37.7658, 37.3249



7.8161, 7.8435, 8.7715



13.1715, 6.6773, 5.7146



0.3464, 0.1728, 0.2756

Previews

White Background



This preview shows how the XYZ color 33.5324, 35.4110, 41.1441 looks on a white background.

Color Contrast Check

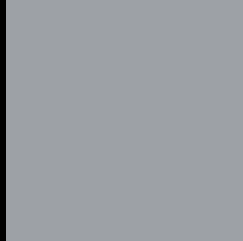
Large Text (above 18pt) WCAG AA × Fail

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 33.5324, 35.4110, 41.1441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

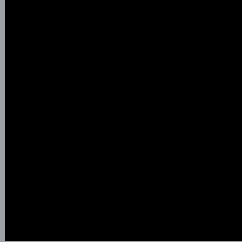
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5324, 35.4110, 41.1441

Background



This preview shows how black text looks on a background with the XYZ color 33.5324, 35.4110, 41.1441.



This preview shows how white text looks on a background with the XYZ color 33.5324, 35.4110,

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

33.5324, 35.4110, 41.1441

Protanopia

34.2626, 35.5396, 40.6513

Deuteranopia

36.0971, 35.4512, 41.4995



Tritanopia

34.2142, 35.4278, 44.5701

Trichromacy



Original Color

33.5324, 35.4110, 41.1441

Protanomaly

33.8595, 35.3318, 40.6324

Deuteranomaly

35.1383, 35.4592, 41.5515

Tritanomaly

33.9271, 35.3130, 43.0582

Monochromacy



Original Color

33.5324, 35.4110, 41.1441

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3905, 35.1212, 39.2016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5324, 35.4110, 41.1441 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(157, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 166)  
}
```

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(157, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 33.5324, 35.4110, 41.1441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

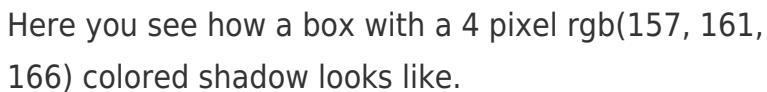
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 161, 166) }
```


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

```
.border{ border-color:rgb(157, 161, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 161, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 161, 166); box-shadow:4px 4px 4px 4px rgb(157, 161, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5324, 35.4110, 41.1441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 166) }
```

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

```
.background{ background-color: rgb(157,  
161, 166) }
```

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