

Converting Colors

XYZ(34.8588, 38.6094, 52.1531)

Have a look what the booklet for
XYZ(34.8588, 38.6094, 52.1531)
contains.

XYZ(34.7535, 38.5106, 52.0560)	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(34.7535, 38.5106,
52.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	8FABBA
RGB	143, 171, 186
RGB Percent	56%, 67%, 73%
CMY	0.4392, 0.3294, 0.2706
CMYK	0.23, 0.08, 0.00, 0.27
HSL	201°, 24%, 65%
HSV	201°, 23%, 73%
XYZ	34.7535, 38.5106, 52.0560
YIQ	164.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

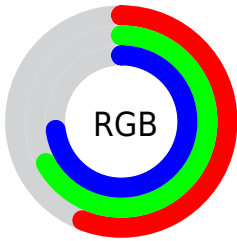
Format	Color
RYB	143, 160, 186
Decimal	9415610
CIELab	68.40, -6.23, -10.88
CIElCh	68, 12.537, 240.184
Yxy	38.5106, 0.2773, 0.3073
Android (android.graphics.Color)	4287605690 (0xFF8FABBA)
YUV	164.3380, 10.6794, -18.7134
Hunter-Lab	62.0569, -8.6349, -6.2952

Details

The XYZ color **34.7535, 38.5106, 52.0560** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4349, 36.8761, 31.1322**, and the grayscale version is **35.4065, 37.2504, 40.5657**.

A 20% lighter version of the original color is **66.2493, 72.6738, 94.5401**, and **15.2441, 17.1624, 24.6995** is the 20% darker color. If you saturate the color by 10%, you get **30.6014, 34.5963, 51.5199**, and if you desaturate by 10%, it is **39.5020, 42.8236, 52.6389**.

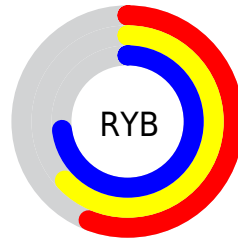
Distribution



Red (56%)

Green (67%)

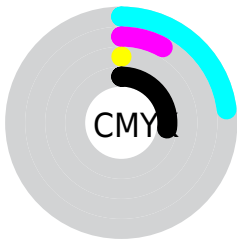
Blue (73%)



Red (56%)

Yellow (63%)

Blue (73%)

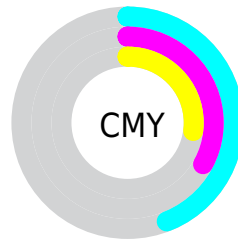


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7535, 38.5106, 52.0560 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 34.7535, 38.5106, 52.0560 by changing the saturation by 10% instead.

■ 34.7535, 38.5106,
52.0560

■ 34.7535, 38.5106,
52.0560

315.0061,
339.8053, 411.6159

■ 23.6387, 26.3792,
36.6672

■ 66.4403, 72.8901,
94.6412

■ 15.1891, 17.1076,
24.6561

■ 87.7429, 95.9070,
122.6747

■ 9.0394, 10.3112,
15.6044

113.1722,
123.3212, 155.7602

■ 4.8242, 5.6058,
9.0933

143.0936,
155.5170, 194.3162

■ 2.1782, 2.6069,
4.7045

177.8722,
192.8790, 238.7612

■ 0.7312, 0.9301,
2.0192

217.8737,

■ 0.0000, 0.0000,

235.7914, 289.5138

0.5671

263.4631,
284.6387, 346.9925

■ 0.0000, 0.0000,
0.0000

■ 34.7535, 38.5106,
52.0560

■ 34.7535, 38.5106,
52.0560

■ 30.6014, 34.5963,
51.5199

■ 39.5020, 42.8236,
52.6389

■ 27.0151, 31.0606,
51.0265

■ 44.8686, 47.5449,
53.2673

■ 23.9662, 27.8889,
50.5750

■ 50.8784, 52.6895,
53.9436

■ 21.4226, 25.0630,
50.1636

■ 57.5539, 58.2702,
54.6689

■ 19.3484, 22.5631,
49.7904

■ 64.9163, 64.2991,
55.4446

■ 17.7021, 20.3665,
49.4532

■ 72.9861, 70.7880,
56.2717

■ 16.4347, 18.4465,
49.1494

■ 74.7657, 74.1306,
56.8231

■ 15.7157, 17.2505,
48.9564

■ 76.4651, 77.5293,
57.3896

■ 78.2308, 81.0608,
57.9781

Harmonies

Analogous

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



33.4282, 38.5106, 47.6205



34.7535, 38.5106, 52.0560



36.6153, 38.5106, 53.7308

Triad

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



34.7535, 38.5106, 52.0560



40.5196, 38.5106, 41.8966



34.7331, 38.5106, 33.2429

Complementary

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



34.7535, 38.5106, 52.0560



37.4349, 36.8761, 31.1322

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.



36.5910, 38.5106, 31.9999



34.7535, 38.5106, 52.0560



39.9730, 38.5106, 36.7147

Square

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



34.7535, 38.5106, 52.0560



39.9859, 38.5106, 47.5548



38.5173, 38.5106, 33.2130



33.4168, 38.5106, 36.7699

Rectangle

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



34.7535, 38.5106, 52.0560



37.9246, 38.5106, 52.9495



38.5173, 38.5106, 33.2130



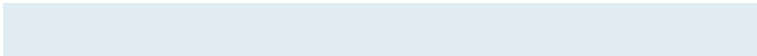
35.3128, 38.5106, 32.5589

Sweetspot

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



34.7547, 38.5122, 52.0569



77.2993, 82.6647, 96.0832



35.0017, 43.4039, 38.5815



16.8924, 18.0898, 21.1439



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.



34.7547, 38.5122, 52.0569



58.8389, 65.9229, 93.8247



31.1244, 31.2516, 50.8468



8.9959, 9.6690, 11.4716



10.6451, 11.7499, 32.9600



0.4308, 0.5254, 1.1804

Inverse Universe

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



37.4238, 33.0252, 42.9319



64.6536, 54.4491, 73.8383



41.2951, 44.5965, 32.4189



9.2443, 9.1081, 10.6338



15.9868, 7.9685, 13.0834



0.5916, 0.2921, 0.6090

Previews

White Background



This preview shows how the XYZ color 34.7535, 38.5106, 52.0560 looks on a white background.

Color Contrast Check

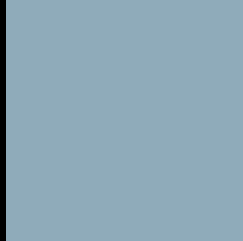
Large Text (above 18pt) WCAG AA × Fail

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 34.7535, 38.5106, 52.0560 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

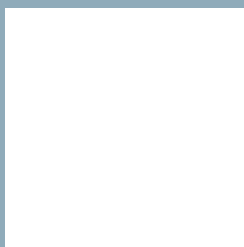
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7535, 38.5106, 52.0560

Background



This preview shows how black text looks on a background with the XYZ color 34.7535, 38.5106, 52.0560.



This preview shows how white text looks on a background with the XYZ color 34.7535, 38.5106,

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

34.7535, 38.5106, 52.0560

Protanopia

37.4157, 38.2870, 49.6741

Deuteranopia

39.2310, 38.3557, 52.9127



Tritanopia

34.6476, 38.4682, 51.4979

Trichromacy



Original Color

34.7535, 38.5106, 52.0560

Protanomaly

36.2706, 38.2244, 50.2661

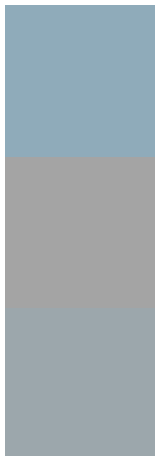
Deuteranomaly

37.3251, 38.1795, 52.4158

Tritanomaly

34.6476, 38.4682, 51.4979

Monochromacy



Original Color

34.7535, 38.5106, 52.0560

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9754, 37.6839, 44.4600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7535, 38.5106, 52.0560 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, 171, 186)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 186)  
}
```

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, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.7535, 38.5106, 52.0560 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, 171, 186) }
```


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

```
.border{ border-color:rgb(143, 171, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 186);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7535, 38.5106, 52.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 171, 186) }
```

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

```
.background{ background-color: rgb(143,  
171, 186) }
```

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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