

Converting Colors

XYZ(33.7848, 35.5973, 50.4377)

Have a look what the booklet for
XYZ(33.7848, 35.5973, 50.4377)
contains.

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Color

**XYZ(33.7848, 35.5973,
50.4377)**

Conversions

Conversions Part 1

Format	Color
Hex	94A2B8
RGB	148, 162, 184
RGB Percent	58%, 64%, 72%
CMY	0.4196, 0.3647, 0.2784
CMYK	0.20, 0.12, 0.00, 0.28
HSL	217°, 20%, 65%
HSV	217°, 20%, 72%
XYZ	33.7848, 35.5973, 50.4377
YIQ	160.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

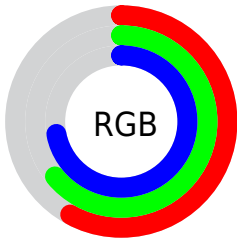
Format	Color
R_{YB}	148, 158, 184
Decimal	9740984
CIE _{Lab}	66.21, -0.17, -13.01
CIE _{LCh}	66, 13.007, 269.240
Yxy	35.5973, 0.2820, 0.2971
Android (android.graphics.Color)	4287931064 (0xFF94A2B8)
YUV	160.3220, 11.6733, -10.8064
Hunter-Lab	59.6635, -3.3344, -8.3575

Details

The XYZ color **33.7848, 35.5973, 50.4377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4874, 41.0778, 33.8653**, and the grayscale version is **33.5159, 35.2614, 38.3996**.

A 20% lighter version of the original color is **64.8982, 68.4735, 92.2343**, and **14.6024, 15.3319, 23.6625** is the 20% darker color. If you saturate the color by 10%, you get **28.8248, 30.2313, 49.6639**, and if you desaturate by 10%, it is **39.4531, 41.5932, 51.2969**.

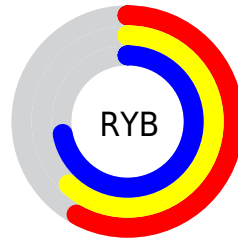
Distribution



Red (58%)

Green (64%)

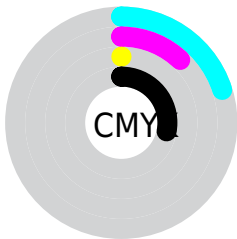
Blue (72%)



Red (58%)

Yellow (62%)

Blue (72%)

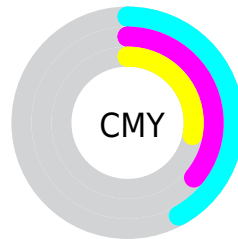


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7848, 35.5973, 50.4377 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 33.7848, 35.5973, 50.4377 by changing the saturation by 10% instead.

■ 33.7848, 35.5973,
50.4377

■ 33.7848, 35.5973,
50.4377

310.7742,
327.1970, 405.1592

■ 22.8904, 24.1233,
35.3877

■ 64.9454, 68.4101,
92.2260

■ 14.6329, 15.4251,
23.6757

■ 85.9423, 90.5176,
119.8014

■ 8.6468, 9.1183,
14.8833

111.0375,
116.9386, 152.3890

■ 4.5668, 4.8184,
8.5918

140.5962,
148.0572, 190.4074

■ 2.0275, 2.1411,
4.3827

174.9839,
184.2580, 234.2750

■ 0.6493, 0.6876,
1.8376

214.5659,

■ 0.0000, 0.0000,

225.9253, 284.4105

0.4526

259.7076,
273.4435, 341.2324

■ 0.0000, 0.0000,
0.0000

■ 33.7848, 35.5973,
50.4377

■ 33.7848, 35.5973,
50.4377

■ 28.8248, 30.2313,
49.6639

■ 39.4531, 41.5932,
51.2969

■ 24.5404, 25.4686,
48.9705

■ 45.8542, 48.2355,
52.2416

■ 20.9009, 21.2873,
48.3552

■ 53.0155, 55.5455,
53.2751

■ 17.8717, 17.6622,
47.8152

■ 60.9616, 63.5422,
54.3998

■ 15.4149, 14.5657,
47.3470

■ 69.7165, 72.2437,
55.6179

■ 13.4877, 11.9676,
46.9471

■ 78.0397, 81.0165,
56.8726

■ 12.0406, 9.8337,
46.6115

■ 81.2606, 87.4583,
57.9462

■ 10.9829, 8.1079,
46.3341

■ 84.6868, 94.3107,
59.0883

■ 10.9413, 8.0397,
46.3231

■ 85.6518, 96.2407,
59.4099

Harmonies

Analogous

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



31.9642, 35.5973, 48.6707



33.7848, 35.5973, 50.4377



35.6869, 35.5973, 48.8355

Triad

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



33.7848, 35.5973, 50.4377



37.1904, 35.5973, 33.7774



30.7325, 35.5973, 33.5543

Complementary

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



33.7848, 35.5973, 50.4377



39.4874, 41.0778, 33.8653

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.



32.0467, 35.5973, 30.1744



33.7848, 35.5973, 50.4377



35.7756, 35.5973, 30.2942

Square

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



33.7848, 35.5973, 50.4377



37.6980, 35.5973, 38.9010



33.8836, 35.5973, 29.0391



30.2438, 35.5973, 38.6181

Rectangle

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



33.7848, 35.5973, 50.4377



36.7355, 35.5973, 46.1516



33.8836, 35.5973, 29.0391



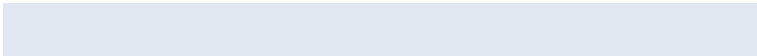
31.0898, 35.5973, 32.2020

Sweetspot

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



33.7859, 35.5988, 50.4385



75.3855, 79.4347, 93.5638



36.5718, 43.4647, 44.2948



16.0940, 16.9604, 20.1470



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.



33.7859, 35.5988, 50.4385



57.6616, 60.6827, 90.8784



32.1165, 31.2781, 49.6925



8.7999, 9.2770, 11.4063



7.6049, 5.6695, 31.9466



0.3288, 0.3214, 1.1464

Inverse Universe

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



36.8795, 33.9796, 38.7991



64.2344, 57.4475, 66.1032



41.4021, 46.1711, 34.7475



9.1453, 9.0685, 10.1128



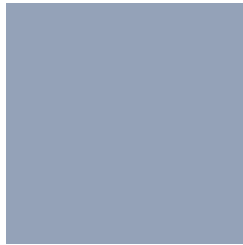
14.4523, 7.3547, 5.0026



0.5401, 0.2715, 0.3378

Previews

White Background



This preview shows how the XYZ color 33.7848, 35.5973, 50.4377 looks on a white background.

Color Contrast Check

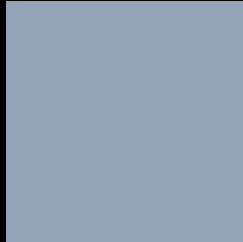
Large Text (above 18pt) WCAG AA × Fail

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 33.7848, 35.5973, 50.4377 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

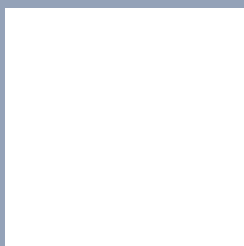
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.7848, 35.5973, 50.4377

Background



This preview shows how black text looks on a background with the XYZ color 33.7848, 35.5973, 50.4377.

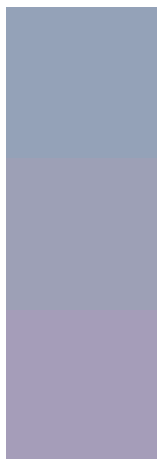


This preview shows how white text looks on a background with the XYZ color 33.7848, 35.5973,

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

33.7848, 35.5973, 50.4377

Protanopia

34.9189, 35.6871, 49.3038

Deuteranopia

36.3310, 35.6161, 50.8587



Tritanopia

32.9663, 35.5320, 46.1952

Trichromacy



Original Color

33.7848, 35.5973, 50.4377

Protanomaly

34.6185, 35.7787, 49.8811

Deuteranomaly

35.4532, 35.6700, 50.9154

Tritanomaly

33.2665, 35.6521, 47.7760

Monochromacy



Original Color

33.7848, 35.5973, 50.4377

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6166, 35.4222, 42.6015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7848, 35.5973, 50.4377 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(148, 162, 184) looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 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(148, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 33.7848, 35.5973, 50.4377 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(148, 162, 184) }
```


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

```
.border{ border-color:rgb(148, 162, 184) }
```

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

Here you see how a box with a 4 pixel rgb(148, 162, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7848, 35.5973, 50.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 184) }
```

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

```
.background{ background-color: rgb(148,  
162, 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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