

Converting Colors

XYZ(35.9711, 37.5664, 51.8402)

Have a look what the booklet for
XYZ(35.9711, 37.5664, 51.8402)
contains.

XYZ(35.8356, 37.4240, 51.7892)	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(35.8356, 37.4240,
51.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA5BA
RGB	155, 165, 186
RGB Percent	61%, 65%, 73%
CMY	0.3922, 0.3529, 0.2706
CMYK	0.17, 0.11, 0.00, 0.27
HSL	221°, 18%, 67%
HSV	221°, 17%, 73%
XYZ	35.8356, 37.4240, 51.7892
YIQ	164.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

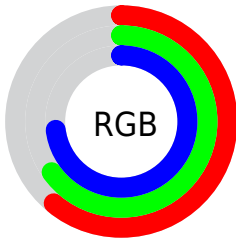
Format	Color
RYB	155, 163, 186
Decimal	10200506
CIELab	67.59, 0.89, -11.99
CIElCh	68, 12.025, 274.260
Yxy	37.4240, 0.2866, 0.2993
Android (android.graphics.Color)	4288390586 (0xFF9BA5BA)
YUV	164.4040, 10.6468, -8.2473
Hunter-Lab	61.1752, -2.4936, -7.3707

Details

The XYZ color **35.8356, 37.4240, 51.7892** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6916, 43.8561, 37.2788**, and the grayscale version is **35.4351, 37.2805, 40.5985**.

A 20% lighter version of the original color is **68.1986, 71.2988, 94.1720**, and **15.8477, 16.4468, 24.5296** is the 20% darker color. If you saturate the color by 10%, you get **30.3758, 31.4013, 50.9151**, and if you desaturate by 10%, it is **42.0714, 44.1810, 52.7654**.

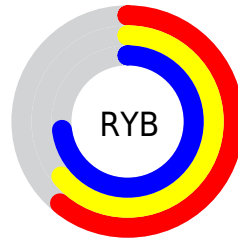
Distribution



Red (61%)

Green (65%)

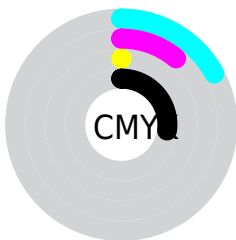
Blue (73%)



Red (61%)

Yellow (64%)

Blue (73%)

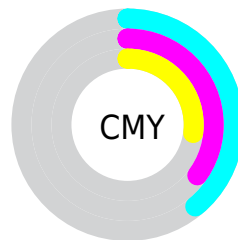


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (39%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8356, 37.4240, 51.7892 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 35.8356, 37.4240, 51.7892 by changing the saturation by 10% instead.

■ 35.8356, 37.4240,
51.7892

■ 35.8356, 37.4240,
51.7892

319.6852,
335.1426, 410.5560

■ 24.4768, 25.5359,
36.4560

■ 68.1038, 71.2244,
94.2437

■ 15.8143, 16.4768,
24.4941

■ 89.7438, 93.9056,
122.2021

■ 9.4829, 9.8622,
15.4850

115.5417,
120.9532, 155.2059

■ 5.1171, 5.3077,
9.0101

145.8627,
152.7517, 193.6737

■ 2.3516, 2.4289,
4.6508

181.0722,
189.6855, 238.0241

■ 0.8209, 0.8407,
1.9888

221.5355,

■ 0.0000, 0.0000,

232.1390, 288.6756

0.5484

267.6181,
280.4966, 346.0467

■ 0.0000, 0.0000,
0.0000

■ 35.8356, 37.4240,
51.7892

■ 35.8356, 37.4240,
51.7892

■ 30.3758, 31.4013,
50.9151

■ 42.0714, 44.1810,
52.7654

■ 25.6571, 26.0825,
50.1371

■ 49.1095, 51.6922,
53.8442

■ 21.6469, 21.4416,
49.4527

■ 56.9790, 59.9823,
55.0296

■ 18.3085, 17.4494,
48.8581

■ 65.7067, 69.0736,
56.3244

■ 15.6021, 14.0741,
48.3492

■ 75.3179, 78.9874,
57.7314

■ 13.4829, 11.2809,
47.9218

■ 81.4389, 87.4770,
59.0474

■ 11.8998, 9.0309,
47.5709

■ 85.2899, 95.1789,
60.3311

■ 10.7861, 7.2762,
47.2909

■ 85.8630, 96.3252,
60.5221

■ 10.4796, 6.7784,
47.2110

Harmonies

Analogous

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



34.0461, 37.4240, 50.6434



35.8356, 37.4240, 51.7892



37.6131, 37.4240, 49.7726

Triad

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



35.8356, 37.4240, 51.7892



38.5957, 37.4240, 35.2721



32.4579, 37.4240, 36.4775

Complementary

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



35.8356, 37.4240, 51.7892



41.6916, 43.8561, 37.2788

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.



33.6030, 37.4240, 32.8867



35.8356, 37.4240, 51.7892



37.1395, 37.4240, 32.2343

Square

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



35.8356, 37.4240, 51.7892



39.2413, 37.4240, 39.9954



35.3065, 37.4240, 31.4001



32.1358, 37.4240, 41.5107

Rectangle

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



35.8356, 37.4240, 51.7892



38.5400, 37.4240, 47.0009



35.3065, 37.4240, 31.4001



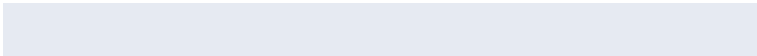
32.7574, 37.4240, 35.0765

Sweetspot

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



35.8367, 37.4255, 51.7900



78.1777, 82.1432, 95.9362



38.8807, 45.2085, 47.5791



17.0263, 17.8857, 21.0975



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.



35.8367, 37.4255, 51.7900



61.1682, 63.6822, 93.2694



35.1155, 34.4794, 51.2594



8.7514, 9.1800, 11.3901



7.1114, 4.6824, 31.7821



0.3084, 0.2805, 1.1396

Inverse Universe

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



38.7635, 36.5992, 40.6204



67.5134, 62.0410, 69.0195



42.4929, 47.2887, 37.8991



9.1209, 9.0587, 9.9838



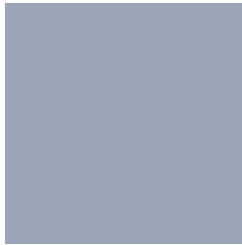
14.2032, 7.2550, 3.6908



0.5298, 0.2674, 0.2836

Previews

White Background



This preview shows how the XYZ color 35.8356, 37.4240, 51.7892 looks on a white background.

Color Contrast Check

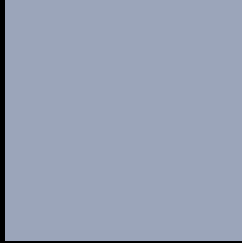
Large Text (above 18pt) WCAG AA × Fail

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 35.8356, 37.4240, 51.7892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

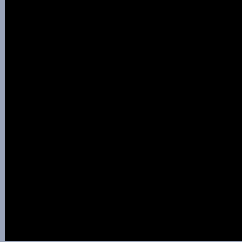
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8356, 37.4240, 51.7892

Background



This preview shows how black text looks on a background with the XYZ color 35.8356, 37.4240, 51.7892.



This preview shows how white text looks on a background with the XYZ color 35.8356, 37.4240,

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

35.8356, 37.4240, 51.7892

Protanopia

36.5521, 37.2742, 51.1671

Deuteranopia

38.1180, 37.2755, 52.1996



Tritanopia

35.0993, 37.3971, 48.0163

Trichromacy



Original Color

35.8356, 37.4240, 51.7892

Protanomaly

36.3305, 37.4246, 51.2078

Deuteranomaly

37.4070, 37.4278, 52.2664

Tritanomaly

35.4061, 37.5199, 49.6319

Monochromacy



Original Color

35.8356, 37.4240, 51.7892

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4198, 37.1065, 44.3252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8356, 37.4240, 51.7892 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(155, 165, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 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(155, 165, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.8356, 37.4240, 51.7892 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(155, 165, 186) }
```


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

```
.border{ border-color:rgb(155, 165, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 165, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 165, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 165, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 165,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8356, 37.4240, 51.7892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 165, 186) }
```

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

```
.background{ background-color: rgb(155,  
165, 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](#).

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