

Converting Colors

XYZ(35.5382, 37.3318, 50.7033)

Have a look what the booklet for
XYZ(35.5382, 37.3318, 50.7033)
contains.

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Color

**XYZ(35.4333, 37.2410,
50.6681)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA5B8
RGB	154, 165, 184
RGB Percent	60%, 65%, 72%
CMY	0.3961, 0.3529, 0.2784
CMYK	0.16, 0.10, 0.00, 0.28
HSL	218°, 17%, 66%
HSV	218°, 16%, 72%
XYZ	35.4333, 37.2410, 50.6681
YIQ	163.8770, -12.6550, 3.5770

Conversions

Conversions Part 2

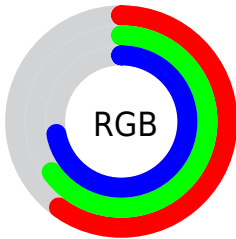
Format	Color
RYB	154, 162, 184
Decimal	10134968
CIELab	67.46, 0.12, -11.09
CIELCh	67, 11.093, 270.645
Yxy	37.2410, 0.2873, 0.3019
Android (android.graphics.Color)	4288325048 (0xFF9AA5B8)
YUV	163.8770, 9.9206, -8.6621
Hunter-Lab	61.0254, -3.1517, -6.5094

Details

The XYZ color **35.4333, 37.2410, 50.6681** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5437, 42.4105, 36.6218**, and the grayscale version is **35.1877, 37.0202, 40.3150**.

A 20% lighter version of the original color is **67.6159, 71.0330, 92.5851**, and **15.5954, 16.3325, 23.8033** is the 20% darker color. If you saturate the color by 10%, you get **30.1895, 31.5594, 49.8484**, and if you desaturate by 10%, it is **41.4077, 43.5854, 51.5784**.

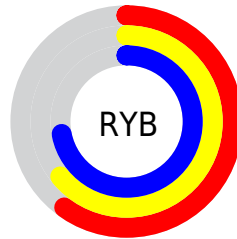
Distribution



Red (60%)

Green (65%)

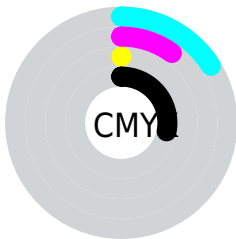
Blue (72%)



Red (60%)

Yellow (64%)

Blue (72%)

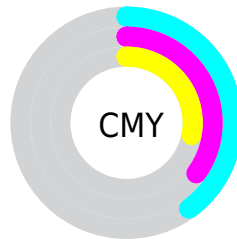


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (40%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4333, 37.2410, 50.6681 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 35.4333, 37.2410, 50.6681 by changing the saturation by 10% instead.

■ 35.4333, 37.2410,
50.6681

■ 35.4333, 37.2410,
50.6681

317.9514,
334.3527, 406.0826

■ 24.1649, 25.3941,
35.5696

■ 67.4861, 70.9433,
92.5705

■ 15.5814, 16.3709,
23.8150

■ 89.0012, 93.5675,
120.2114

■ 9.3174, 9.7870,
14.9855

114.6626,
120.5530, 152.8703

■ 5.0075, 5.2580,
8.6627

144.8357,
152.2841, 190.9657

■ 2.2865, 2.3994,
4.4280

179.8857,
189.1452, 234.9161

■ 0.7877, 0.8256,
1.8630

220.1781,

■ 0.0000, 0.0000,

231.5208, 285.1400

0.4690

266.0782,
279.7951, 342.0560

■ 0.0000, 0.0000,
0.0000

■ 35.4333, 37.2410,
50.6681

■ 35.4333, 37.2410,
50.6681

■ 30.1895, 31.5594,
49.8484

■ 41.4077, 43.5854,
51.5784

■ 25.6434, 26.5133,
49.1140

■ 48.1370, 50.6096,
52.5795

■ 21.7647, 22.0801,
48.4628

■ 55.6486, 58.3356,
53.6749

■ 18.5192, 18.2339,
47.8914

■ 63.9673, 66.7830,
54.8670

■ 15.8695, 14.9468,
47.3966

■ 73.1170, 75.9707,
56.1581

■ 13.7739, 12.1883,
46.9746

■ 79.5762, 84.0895,
57.3848

■ 12.1847, 9.9239,
46.6213

■ 83.0208, 90.9786,
58.5330

■ 11.0406, 8.1118,
46.3318

■ 85.6518, 96.2407,
59.4100

■ 10.6877, 7.5324,
46.2386

Harmonies

Analogous

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



33.8153, 37.2410, 49.2846



35.4333, 37.2410, 50.6681



37.0919, 37.2410, 49.1645

Triad

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



35.4333, 37.2410, 50.6681



38.2891, 37.2410, 35.9544



32.6184, 37.2410, 36.1233

Complementary

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



35.4333, 37.2410, 50.6681



40.5437, 42.4105, 36.6218

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.



33.7535, 37.2410, 33.0040



35.4333, 37.2410, 50.6681



37.0261, 37.2410, 32.9121

Square

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



35.4333, 37.2410, 50.6681



38.7728, 37.2410, 40.4437



35.3596, 37.2410, 31.8759



32.2220, 37.2410, 40.6547

Rectangle

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



35.4333, 37.2410, 50.6681



37.9893, 37.2410, 46.7915



35.3596, 37.2410, 31.8759



32.9244, 37.2410, 34.8882

Sweetspot

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



35.4344, 37.2425, 50.6689



76.4759, 80.4962, 93.7112



37.9621, 44.1495, 45.8036



16.3119, 17.1697, 20.1760



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.



35.4344, 37.2425, 50.6689



60.2455, 63.2172, 91.2315



34.2105, 33.7912, 50.0673



8.7836, 9.2444, 11.4008



7.4281, 5.3159, 31.8876



0.3219, 0.3074, 1.1441

Inverse Universe

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



38.1152, 36.0190, 40.5425



66.1813, 60.6871, 68.7691



41.9129, 46.3781, 37.3155



9.1371, 9.0652, 10.0695



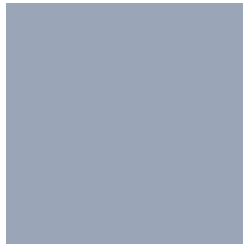
14.3630, 7.3190, 4.5326



0.5366, 0.2701, 0.3193

Previews

White Background



This preview shows how the XYZ color 35.4333, 37.2410, 50.6681 looks on a white background.

Color Contrast Check

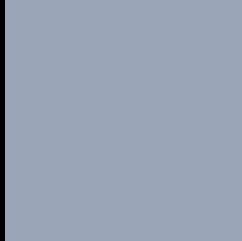
Large Text (above 18pt) WCAG AA × Fail

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 35.4333, 37.2410, 50.6681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

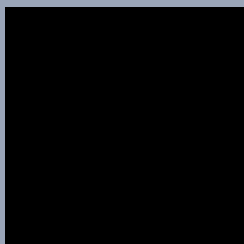
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

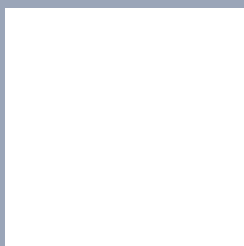
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4333, 37.2410, 50.6681

Background



This preview shows how black text looks on a background with the XYZ color 35.4333, 37.2410, 50.6681.



This preview shows how white text looks on a background with the XYZ color 35.4333, 37.2410,

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

35.4333, 37.2410, 50.6681

Protanopia

36.5447, 37.2947, 50.0722

Deuteranopia

37.9053, 37.1904, 51.0796



Tritanopia

34.9098, 37.2994, 48.0074

Trichromacy



Original Color

35.4333, 37.2410, 50.6681

Protanomaly

36.1208, 37.3407, 50.1035

Deuteranomaly

36.9871, 37.2360, 51.1368

Tritanomaly

35.1136, 37.3809, 49.0806

Monochromacy



Original Color

35.4333, 37.2410, 50.6681

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1233, 36.9648, 43.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4333, 37.2410, 50.6681 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(154, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(154, 165, 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(154, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 165, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.4333, 37.2410, 50.6681 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(154, 165, 184) }
```


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

```
.border{ border-color:rgb(154, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(154, 165,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4333, 37.2410, 50.6681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 165, 184) }
```

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

```
.background{ background-color: rgb(154,  
165, 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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