

Converting Colors

XYZ(35.0028, 37.2044, 48.6470)

Have a look what the booklet for
XYZ(35.0028, 37.2044, 48.6470)
contains.

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Color

**XYZ(35.0113, 37.3400,
48.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	99A6B4
RGB	153, 166, 180
RGB Percent	60%, 65%, 71%
CMY	0.4000, 0.3490, 0.2941
CMYK	0.15, 0.08, 0.00, 0.29
HSL	211°, 15%, 65%
HSV	211°, 15%, 71%
XYZ	35.0113, 37.3400, 48.5421
YIQ	163.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

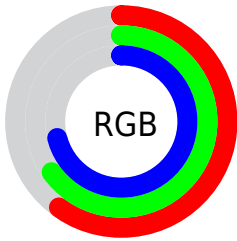
Format	Color
R_{YB}	153, 162, 180
Decimal	10069684
CIE _{Lab}	67.53, -1.63, -8.77
CIE _{LCh}	68, 8.916, 259.479
Yxy	37.3400, 0.2896, 0.3089
Android (android.graphics.Color)	4288259764 (0xFF99A6B4)
YUV	163.7090, 8.0315, -9.3918
Hunter-Lab	61.1065, -4.6637, -4.3246

Details

The XYZ color **35.0113, 37.3400, 48.5421** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3912, 39.6406, 35.7657**, and the grayscale version is **35.1164, 36.9452, 40.2334**.

A 20% lighter version of the original color is **67.0092, 71.1789, 89.5640**, and **15.3276, 16.3917, 22.4347** is the 20% darker color. If you saturate the color by 10%, you get **30.2318, 32.4493, 47.8506**, and if you desaturate by 10%, it is **40.4287, 42.7442, 49.3003**.

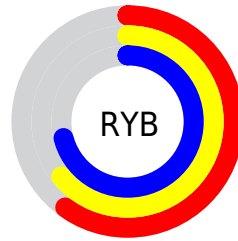
Distribution



Red (60%)

Green (65%)

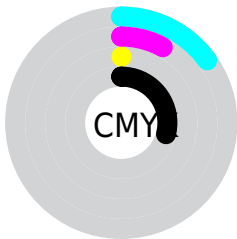
Blue (71%)



Red (60%)

Yellow (64%)

Blue (71%)

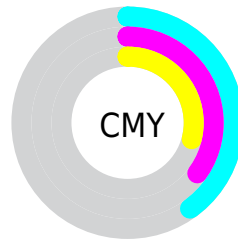


Cyan (15%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0113, 37.3400, 48.5421 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 35.0113, 37.3400, 48.5421 by changing the saturation by 10% instead.

■ 35.0113, 37.3400,
48.5421

■ 35.0113, 37.3400,
48.5421

316.1253,
334.7802, 397.5074

■ 23.8381, 25.4708,
33.8933

■ 66.8372, 71.0954,
89.3849

■ 15.3377, 16.4282,
22.5350

■ 88.2206, 93.7504,
116.4161

■ 9.1446, 9.8277,
14.0485

113.7382,
120.7695, 148.4118

■ 4.8935, 5.2848,
8.0152

143.7552,
152.5371, 185.7906

■ 2.2190, 2.4153,
4.0168

178.6371,
189.4376, 228.9710

■ 0.7527, 0.8338,
1.6346

218.7492,

■ 0.0000, 0.0000,

231.8553, 278.3716

0.3153

264.4568,
280.1747, 334.4109

■ 0.0000, 0.0000,
0.0000

■ 35.0113, 37.3400,
48.5421

■ 35.0113, 37.3400,
48.5421

■ 30.2318, 32.4493,
47.8506

■ 40.4287, 42.7442,
49.3003

■ 26.0613, 28.0506,
47.2214

■ 46.5046, 48.6734,
50.1245

■ 22.4737, 24.1272,
46.6532

■ 53.2627, 55.1444,
51.0173

■ 19.4394, 20.6599,
46.1438

■ 60.7247, 62.1719,
51.9805

■ 16.9261, 17.6277,
45.6910

■ 68.9110, 69.7698,
53.0156

■ 14.8978, 15.0076,
45.2922

■ 75.5984, 76.7955,
54.0192

■ 13.3130, 12.7736,
44.9445

■ 78.1460, 81.8907,
54.8684

■ 12.1219, 10.8952,
44.6447

■ 80.8329, 87.2645,
55.7640

■ 11.6208, 10.0602,
44.5100

■ 83.6613, 92.9213,
56.7068

Harmonies

Analogous

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



33.8049, 37.3400, 46.6714



35.0113, 37.3400, 48.5421



36.3771, 37.3400, 48.1994

Triad

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



35.0113, 37.3400, 48.5421



38.0347, 37.3400, 38.1905



33.5238, 37.3400, 35.9455

Complementary

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



35.0113, 37.3400, 48.5421



38.3912, 39.6406, 35.7657

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.



34.6186, 37.3400, 33.9455



35.0113, 37.3400, 48.5421



37.2313, 37.3400, 35.1827

Square

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



35.0113, 37.3400, 48.5421



38.1465, 37.3400, 42.0513



35.9742, 37.3400, 33.6755



32.9609, 37.3400, 39.2937

Rectangle

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



35.0113, 37.3400, 48.5421



37.1934, 37.3400, 46.7682



35.9742, 37.3400, 33.6755



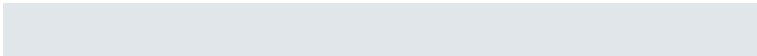
33.8404, 37.3400, 35.1027

Sweetspot

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



35.0124, 37.3415, 48.5429



74.2795, 78.4636, 89.5246



36.4293, 42.2037, 42.7618



15.8856, 16.7924, 19.3263



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.0124, 37.3415, 48.5429



60.4909, 64.6715, 87.5892



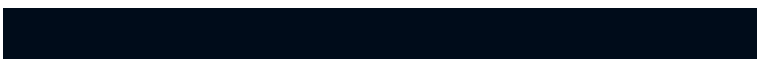
32.8522, 32.8947, 47.7985



8.3684, 8.8829, 10.7798



8.1771, 7.1547, 31.0870



0.3158, 0.3421, 0.9976

Inverse Universe

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



37.0974, 35.2398, 40.9248



65.0336, 60.2462, 70.9572



40.7895, 44.5925, 36.5951



8.6611, 8.5712, 9.7139



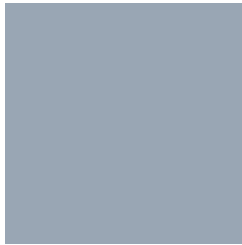
14.3621, 7.2624, 7.0668



0.4814, 0.2403, 0.3779

Previews

White Background



This preview shows how the XYZ color 35.0113, 37.3400, 48.5421 looks on a white background.

Color Contrast Check

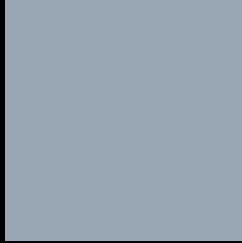
Large Text (above 18pt) WCAG AA × Fail

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 35.0113, 37.3400, 48.5421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

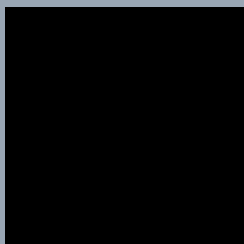
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

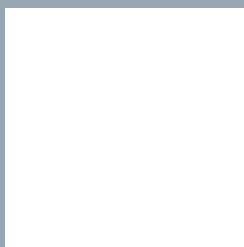
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0113, 37.3400, 48.5421

Background



This preview shows how black text looks on a background with the XYZ color 35.0113, 37.3400, 48.5421.

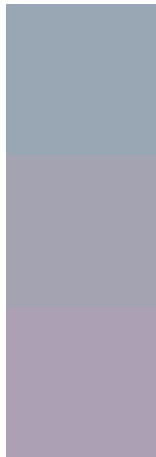


This preview shows how white text looks on a background with the XYZ color 35.0113, 37.3400,

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

35.0113, 37.3400, 48.5421

Protanopia

36.2373, 37.1953, 47.3890

Deuteranopia

37.9246, 37.2485, 48.9069



Tritanopia

34.9098, 37.2994, 48.0074

Trichromacy



Original Color

35.0113, 37.3400, 48.5421

Protanomaly

35.7102, 37.1765, 47.9415

Deuteranomaly

36.7779, 37.1762, 48.9534

Tritanomaly

34.9098, 37.2994, 48.0074

Monochromacy



Original Color

35.0113, 37.3400, 48.5421

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2080, 37.2861, 43.3715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0113, 37.3400, 48.5421 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(153, 166, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 166, 180)  
}
```

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(153, 166, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 166, 180) }
```

Border

The CSS property to change the border of an element to XYZ 35.0113, 37.3400, 48.5421 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(153, 166, 180) }
```


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

```
.border{ border-color:rgb(153, 166, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 166, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 166, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 166, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 166,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0113, 37.3400, 48.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 166, 180) }
```

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

```
.background{ background-color: rgb(153,  
166, 180) }
```

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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