

Converting Colors

XYZ(35.3989, 37.1138, 62.3144)

Have a look what the booklet for
XYZ(35.3989, 37.1138, 62.3144)
contains.

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Color

**XYZ(35.5198, 37.2948,
62.4533)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA6CC
RGB	141, 166, 204
RGB Percent	55%, 65%, 80%
CMY	0.4470, 0.3490, 0.2000
CMYK	0.31, 0.19, 0.00, 0.20
HSL	216°, 38%, 68%
HSV	216°, 31%, 80%
XYZ	35.5198, 37.2948, 62.4533
YIQ	162.8570, -27.0980, 6.5180

Conversions

Conversions Part 2

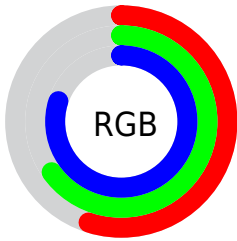
Format	Color
R _{YB}	141, 159, 204
Decimal	9283276
CIE _{Lab}	67.50, 0.24, -22.21
CIE _{LCh}	67, 22.213, 270.630
Yxy	37.2948, 0.2626, 0.2757
Android (android.graphics.Color)	4287473356 (0xFF8DA6CC)
YUV	162.8570, 20.2835, -19.1686
Hunter-Lab	61.0695, -3.0507, -17.8849

Details

The XYZ color **35.5198, 37.2948, 62.4533** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.8303, 47.0011, 31.8570**, and the grayscale version is **34.6628, 36.4680, 39.7136**.

A 20% lighter version of the original color is **66.6714, 70.6687, 104.7342**, and **15.6422, 16.3605, 31.1876** is the 20% darker color. If you saturate the color by 10%, you get **30.2347, 31.4079, 61.5962**, and if you desaturate by 10%, it is **41.6602, 43.9421, 63.4134**.

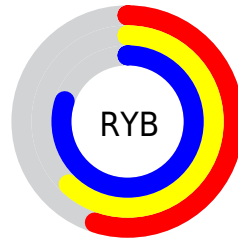
Distribution



Red (55%)

Green (65%)

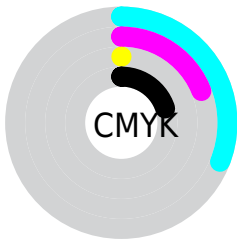
Blue (80%)



Red (55%)

Yellow (62%)

Blue (80%)

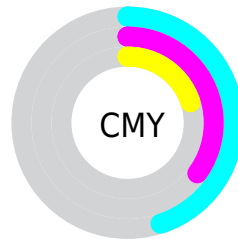


Cyan (31%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5198, 37.2948, 62.4533 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 35.5198, 37.2948, 62.4533 by changing the saturation by 10% instead.

■ 35.5198, 37.2948,
62.4533

■ 35.5198, 37.2948,
62.4533

318.3248,
334.5851, 451.6359

■ 24.2319, 25.4358,
44.9609

■ 67.6190, 71.0260,
109.9584

■ 15.6314, 16.4021,
31.0839

■ 89.1610, 93.6669,
140.8081

■ 9.3529, 9.8091,
20.4038

■ 114.8518,
120.6707, 176.9474

■ 5.0310, 5.2726,
12.5019

145.0567,
152.4216, 218.7948

■ 2.3004, 2.4081,
6.9598

180.1411,
189.3041, 266.7688

■ 0.7949, 0.8300,
3.3589

220.4704,

■ 0.0000, 0.0000,

231.7026, 321.2879

1.2807

266.4098,
280.0015, 382.7708

■ 0.0000, 0.0000,
0.0459

■ 0.0000, 0.0000,
0.0000

■ 35.5198, 37.2948,
62.4533

■ 35.5198, 37.2948,
62.4533

■ 30.2347, 31.4079,
61.5962

■ 41.6602, 43.9421,
63.4134

■ 25.7603, 26.2468,
60.8359

■ 48.6904, 51.3734,
64.4772

■ 22.0529, 21.7808,
60.1692

■ 56.6476, 59.6171,
65.6490

■ 19.0631, 17.9745,
59.5921

■ 65.5653, 68.6982,
66.9318

■ 16.7349, 14.7888,
59.0999

■ 75.4755, 78.6410,
68.3287

■ 15.0025, 12.1791,
58.6875

■ 83.2492, 87.8398,
69.6945

■ 13.8384, 10.2381,
58.3742

■ 86.9918, 95.3249,
70.9420

■ 87.8992, 97.1397,
71.2445

Harmonies

Analogous

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



32.3250, 37.2948, 59.2907



35.5198, 37.2948, 62.4533



38.8979, 37.2948, 59.0251

Triad

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



35.5198, 37.2948, 62.4533



41.4006, 37.2948, 31.7637



30.0298, 37.2948, 32.0686

Complementary

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



35.5198, 37.2948, 62.4533



45.8303, 47.0011, 31.8570

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.



32.2076, 37.2948, 26.4855



35.5198, 37.2948, 62.4533



38.7651, 37.2948, 26.3303

Square

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



35.5198, 37.2948, 62.4533



42.4241, 37.2948, 40.4014



35.3755, 37.2948, 24.5623



29.2812, 37.2948, 40.8147

Rectangle

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



35.5198, 37.2948, 62.4533



40.7676, 37.2948, 53.7366



35.3755, 37.2948, 24.5623



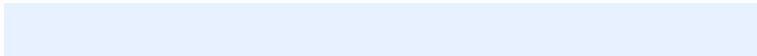
30.6118, 37.2948, 29.8130

Sweetspot

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



35.5210, 37.2963, 62.4542



82.8469, 87.3881, 107.1088



40.6947, 52.0959, 50.4534



17.3364, 18.2910, 22.8667



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.5210, 37.2963, 62.4542



52.8927, 55.1911, 102.4729



32.5114, 29.6413, 61.1352



10.9609, 11.5623, 14.2244



8.7952, 6.6144, 36.7694



0.5273, 0.4883, 1.9214

Inverse Universe

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



41.3106, 34.6414, 40.5871



64.1275, 50.7091, 59.8898



49.6111, 57.0746, 33.6021



11.3937, 11.2862, 12.6076



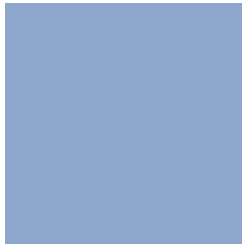
16.6503, 8.4707, 5.8773



0.8961, 0.4518, 0.4987

Previews

White Background



This preview shows how the XYZ color 35.5198, 37.2948, 62.4533 looks on a white background.

Color Contrast Check

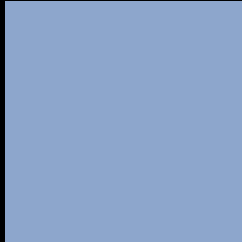
Large Text (above 18pt) WCAG AA × Fail

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 35.5198, 37.2948, 62.4533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

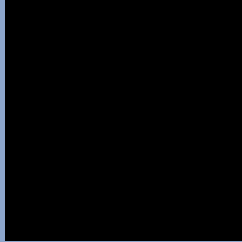
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

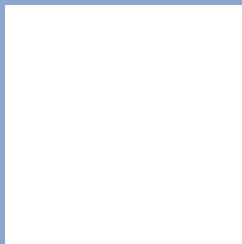
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5198, 37.2948, 62.4533

Background



This preview shows how black text looks on a background with the XYZ color 35.5198, 37.2948, 62.4533.



This preview shows how white text looks on a background with the XYZ color 35.5198, 37.2948,

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

35.5198, 37.2948, 62.4533

Protanopia

37.0986, 37.0735, 61.0777

Deuteranopia

38.0624, 37.2684, 62.9450



Tritanopia

33.0753, 37.4026, 50.2759

Trichromacy



Original Color

35.5198, 37.2948, 62.4533

Protanomaly

36.4544, 36.9902, 61.7184

Deuteranomaly

37.0655, 37.2776, 62.9993

Tritanomaly

34.0732, 37.5408, 54.7405

Monochromacy



Original Color

35.5198, 37.2948, 62.4533

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8289, 36.7338, 47.3741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5198, 37.2948, 62.4533 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(141, 166, 204)` looks like.

```
.text, #text, p{  
    color:rgb(141, 166, 204)  
}
```

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(141, 166, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.5198, 37.2948, 62.4533 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(141, 166, 204) }
```


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

```
.border{ border-color:rgb(141, 166, 204) }
```

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

Here you see how a box with a 4 pixel rgb(141, 166, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 166, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 166, 204);  
box-shadow:4px 4px 4px 4px rgb(141, 166,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5198, 37.2948, 62.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 204) }
```

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

```
.background{ background-color: rgb(141,  
166, 204) }
```

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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