

Converting Colors

XYZ(35.2330, 37.9163, 62.7149)

Have a look what the booklet for
XYZ(35.2330, 37.9163, 62.7149)
contains.

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Color

**XYZ(35.2404, 37.9698,
62.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	88A9CC
RGB	136, 169, 204
RGB Percent	53%, 66%, 80%
CMY	0.4667, 0.3372, 0.2000
CMYK	0.33, 0.17, 0.00, 0.20
HSL	211°, 40%, 67%
HSV	211°, 33%, 80%
XYZ	35.2404, 37.9698, 62.5983
YIQ	163.1230, -30.9030, 3.8890

Conversions

Conversions Part 2

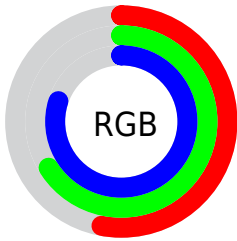
Format	Color
R _Y B	136, 158, 204
Decimal	8956364
CIE Lab	68.00, -2.86, -21.48
CIE LCh	68, 21.667, 262.413
Yxy	37.9698, 0.2595, 0.2796
Android (android.graphics.Color)	4287146444 (0xFF88A9CC)
YUV	163.1230, 20.1524, -23.7869
Hunter-Lab	61.6196, -5.7498, -17.0979

Details

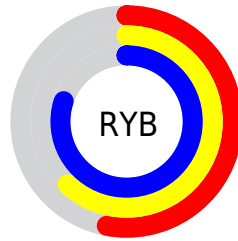
The XYZ color **35.2404, 37.9698, 62.5983** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.9094, 43.7414, 29.4224**, and the grayscale version is **34.7901, 36.6019, 39.8594**.

A 20% lighter version of the original color is **66.1915, 71.6077, 104.9407**, and **15.5225, 16.8094, 31.2806** is the 20% darker color. If you saturate the color by 10%, you get **30.3619, 32.6713, 61.8334**, and if you desaturate by 10%, it is **40.9088, 43.9101, 63.4468**.

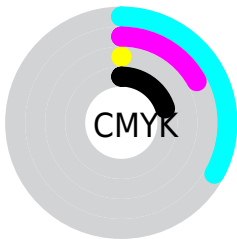
Distribution



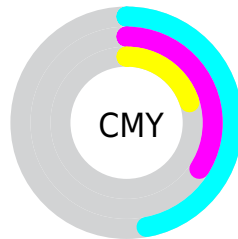
- Red (53%)
- Green (66%)
- Blue (80%)



- Red (53%)
- Yellow (62%)
- Blue (80%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2404, 37.9698, 62.5983 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 35.2404, 37.9698, 62.5983 by changing the saturation by 10% instead.

■ 35.2404, 37.9698,
62.5983

■ 35.2404, 37.9698,
62.5983

317.1176,
337.4904, 452.1779

■ 24.0155, 25.9593,
45.0774

■ 67.1896, 72.0618,
110.1697

■ 15.4699, 16.7932,
31.1750

■ 88.6446, 94.9121,
141.0574

■ 9.2383, 10.0871,
20.4726

■ 114.2403,
122.1445, 177.2377

■ 4.9553, 5.4568,
12.5515

144.3422,
154.1432, 219.1292

■ 2.2555, 2.5177,
6.9934

179.3155,
191.2928, 267.1504

■ 0.7718, 0.8855,
3.3796

219.5256,

■ 0.0000, 0.0000,

233.9776, 321.7199

1.2916

265.3378,
282.5820, 383.2562

■ 0.0000, 0.0000,
0.0549

■ 0.0000, 0.0000,
0.0000

■ 35.2404, 37.9698,
62.5983

■ 35.2404, 37.9698,
62.5983

■ 30.3619, 32.6713,
61.8334

■ 40.9088, 43.9101,
63.4468

■ 26.2301, 27.9844,
61.1465

■ 47.3999, 50.5118,
64.3789

■ 22.8029, 23.8825,
60.5354

■ 54.7493, 57.7991,
65.3982

■ 20.0321, 20.3350,
59.9967

■ 62.9890, 65.7937,
66.5070

■ 17.8627, 17.3072,
59.5266

■ 72.1495, 74.5158,
67.7077

■ 16.2287, 14.7589,
59.1208

■ 80.9963, 83.3338,
68.9435

■ 15.3614, 13.2840,
58.8819

■ 84.0408, 89.4228,
69.9583

■ 87.2649, 95.8710,
71.0330

■ 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.



32.2796, 37.9698, 57.8586



35.2404, 37.9698, 62.5983



38.6162, 37.9698, 60.9785

Triad

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



35.2404, 37.9698, 62.5983



42.4163, 37.9698, 34.6638



31.1946, 37.9698, 31.0257

Complementary

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



35.2404, 37.9698, 62.5983



43.9094, 43.7414, 29.4224

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.



33.6748, 37.9698, 26.4518



35.2404, 37.9698, 62.5983



40.1872, 37.9698, 28.3131

Square

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



35.2404, 37.9698, 62.5983



42.9000, 37.9698, 43.8415



36.9514, 37.9698, 25.5424



30.0402, 37.9698, 38.9407

Rectangle

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



35.2404, 37.9698, 62.5983



40.6378, 37.9698, 56.6114



36.9514, 37.9698, 25.5424



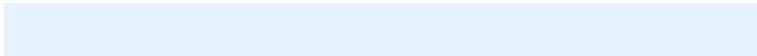
31.8933, 37.9698, 29.1004

Sweetspot

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



35.2416, 37.9713, 62.5992



82.2379, 87.3905, 107.1414



39.0029, 51.3231, 45.8819



17.2425, 18.3462, 22.8823



0.0000, 0.0000, 0.0000



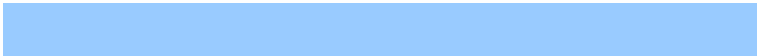
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2416, 37.9713, 62.5992



52.4253, 56.4691, 102.7443



29.8577, 27.2034, 60.8045



11.0436, 11.7276, 14.2520



9.7610, 8.5460, 37.0913



0.5794, 0.5927, 1.9388

Inverse Universe

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



40.8685, 33.3114, 41.8134



63.3514, 48.3305, 62.1787



50.9394, 57.8014, 31.7657



11.4354, 11.3029, 12.8272



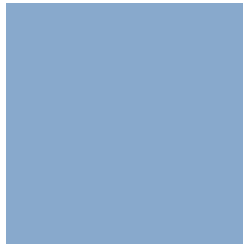
17.1378, 8.6657, 8.4443



0.9224, 0.4624, 0.6373

Previews

White Background



This preview shows how the XYZ color 35.2404, 37.9698, 62.5983 looks on a white background.

Color Contrast Check

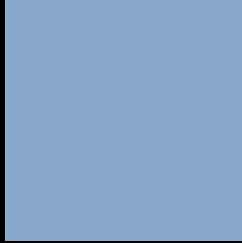
Large Text (above 18pt) WCAG AA × Fail

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 35.2404, 37.9698, 62.5983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

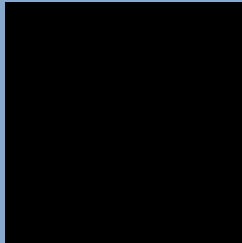
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

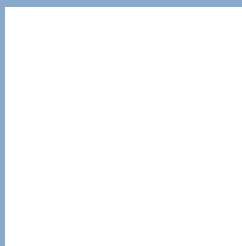
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2404, 37.9698, 62.5983

Background



This preview shows how black text looks on a background with the XYZ color 35.2404, 37.9698, 62.5983.

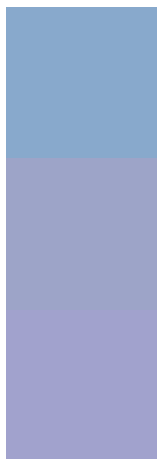


This preview shows how white text looks on a background with the XYZ color 35.2404, 37.9698,

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

35.2404, 37.9698, 62.5983

Protanopia

37.6054, 37.8891, 59.9749

Deuteranopia

38.6377, 37.8255, 63.0222



Tritanopia

33.1312, 37.9558, 52.0344

Trichromacy



Original Color

35.2404, 37.9698, 62.5983

Protanomaly

36.5733, 37.8790, 60.6421

Deuteranomaly

37.4235, 37.9934, 63.1186

Tritanomaly

33.8614, 37.9626, 55.9949

Monochromacy



Original Color

35.2404, 37.9698, 62.5983

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6279, 36.8969, 47.4162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2404, 37.9698, 62.5983 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(136, 169, 204)` looks like.

```
.text, #text, p{  
    color:rgb(136, 169, 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(136, 169, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 169, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.2404, 37.9698, 62.5983 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(136, 169, 204) }
```


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

```
.border{ border-color:rgb(136, 169, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 169, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 169, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 169, 204);  
box-shadow:4px 4px 4px 4px rgb(136, 169,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2404, 37.9698, 62.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 169, 204) }
```

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

```
.background{ background-color: rgb(136,  
169, 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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