

Converting Colors

XYZ(34.4853, 37.1156, 60.1189)

Have a look what the booklet for
XYZ(34.4853, 37.1156, 60.1189)
contains.

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Color

**XYZ(34.3974, 37.0418,
59.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	88A7C8
RGB	136, 167, 200
RGB Percent	53%, 65%, 78%
CMY	0.4667, 0.3451, 0.2157
CMYK	0.32, 0.16, 0.00, 0.22
HSL	211°, 37%, 66%
HSV	211°, 32%, 78%
XYZ	34.3974, 37.0418, 59.9804
YIQ	161.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

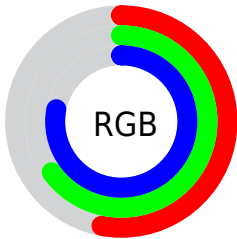
Format	Color
R_{YB}	136, 157, 200
Decimal	8955848
CIE _{Lab}	67.31, -2.77, -20.32
CIE _{LCh}	67, 20.504, 262.224
Yxy	37.0418, 0.2617, 0.2819
Android (android.graphics.Color)	4287145928 (0xFF88A7C8)
YUV	161.4930, 18.9840, -22.3574
Hunter-Lab	60.8620, -5.6255, -15.8278

Details

The XYZ color **34.3974, 37.0418, 59.9804** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.4520, 42.4334, 29.2467**, and the grayscale version is **34.0307, 35.8029, 38.9894**.

A 20% lighter version of the original color is **65.6571, 70.5389, 104.7626**, and **14.9752, 16.2216, 29.5359** is the 20% darker color. If you saturate the color by 10%, you get **29.6330, 31.8929, 59.2383**, and if you desaturate by 10%, it is **39.9209, 42.8074, 60.8028**.

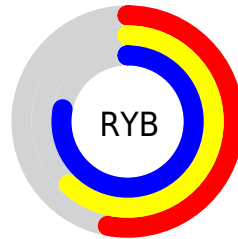
Distribution



Red (53%)

Green (65%)

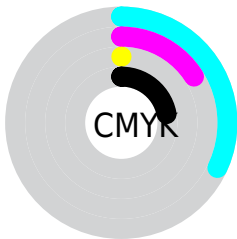
Blue (78%)



Red (53%)

Yellow (62%)

Blue (78%)

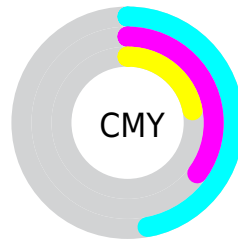


Cyan (32%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3974, 37.0418, 59.9804 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 34.3974, 37.0418, 59.9804 by changing the saturation by 10% instead.

■ 34.3974, 37.0418,
59.9804

■ 34.3974, 37.0418,
59.9804

313.4552,
333.4915, 442.3282

■ 23.3634, 25.2399,
42.9776

■ 65.8914, 70.6371,
106.3443

■ 14.9842, 16.2558,
29.5363

■ 87.0821, 93.1992,
136.5426

■ 8.8946, 9.7054,
19.2378

■ 112.3890,
120.1168, 171.9764

■ 4.7290, 5.2041,
11.6637

142.1776,
151.7743, 213.0644

■ 2.1223, 2.3675,
6.3954

176.8131,
188.5562, 260.2250

■ 0.7013, 0.8091,
3.0143

216.6610,

■ 0.0000, 0.0000,

230.8467, 313.8768

1.1019

262.0866,
279.0303, 374.4383

■ 0.0000, 0.0000,
0.0000

■ 34.3974, 37.0418,
59.9804

■ 34.3974, 37.0418,
59.9804

■ 29.6330, 31.8929,
59.2383

■ 39.9209, 42.8074,
60.8028

■ 25.5870, 27.3319,
58.5712

■ 46.2344, 49.2082,
61.7055

■ 22.2197, 23.3338,
57.9770

■ 53.3716, 56.2670,
62.6918

■ 19.4860, 19.8700,
57.4525

■ 61.3627, 64.0044,
63.7641

■ 17.3344, 16.9078,
56.9941

■ 70.2367, 72.4396,
64.9246

■ 15.7040, 14.4100,
56.5979

■ 79.6506, 81.4004,
66.1580

■ 14.6890, 12.6972,
56.3208

■ 82.5872, 87.2737,
67.1369

■ 85.6961, 93.4916,
68.1732

■ 87.4254, 96.9502,
68.7496

Harmonies

Analogous

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



31.6404, 37.0418, 55.5828



34.3974, 37.0418, 59.9804



37.5378, 37.0418, 58.5275

Triad

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



34.3974, 37.0418, 59.9804



41.0904, 37.0418, 34.1457



30.6520, 37.0418, 30.6498

Complementary

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



34.3974, 37.0418, 59.9804



42.4520, 42.4334, 29.2467

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.



32.9749, 37.0418, 26.3628



34.3974, 37.0418, 59.9804



39.0323, 37.0418, 28.1624

Square

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



34.3974, 37.0418, 59.9804



41.5271, 37.0418, 42.7146



36.0294, 37.0418, 25.5251



29.5633, 37.0418, 38.0401

Rectangle

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



34.3974, 37.0418, 59.9804



39.4177, 37.0418, 54.5226



36.0294, 37.0418, 25.5251



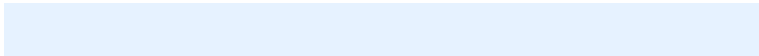
31.3076, 37.0418, 28.8461

Sweetspot

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



34.3986, 37.0433, 59.9813



82.2310, 87.3766, 107.1391



37.8764, 49.3707, 44.5800



17.2408, 18.3429, 22.8818



0.0000, 0.0000, 0.0000



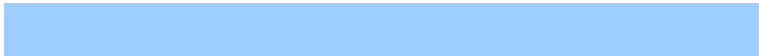
20.3446, 21.4041, 23.3091

Same Dimension

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



34.3986, 37.0433, 59.9813



54.0105, 58.1799, 102.9909



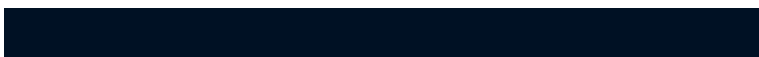
29.3839, 27.0138, 58.3097



10.4736, 11.1212, 13.5121



9.4286, 8.2511, 35.8400



0.5189, 0.5356, 1.7212

Inverse Universe

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



39.5996, 32.6788, 40.7813



64.5079, 50.1574, 64.0628



48.9183, 55.3662, 31.4022



10.8443, 10.7211, 12.1635



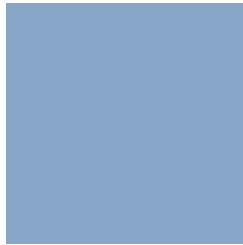
16.5584, 8.3729, 8.1506



0.8206, 0.4111, 0.5785

Previews

White Background



This preview shows how the XYZ color 34.3974, 37.0418, 59.9804 looks on a white background.

Color Contrast Check

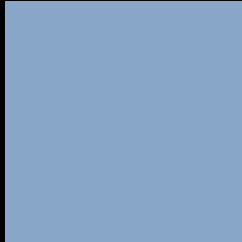
Large Text (above 18pt) WCAG AA × Fail

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 34.3974, 37.0418, 59.9804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

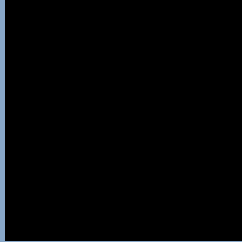
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

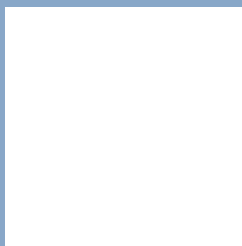
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3974, 37.0418, 59.9804

Background



This preview shows how black text looks on a background with the XYZ color 34.3974, 37.0418, 59.9804.



This preview shows how white text looks on a background with the XYZ color 34.3974, 37.0418,

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

34.3974, 37.0418, 59.9804

Protanopia

36.7087, 36.9398, 58.0187

Deuteranopia

37.6106, 36.8322, 60.3854



Tritanopia

32.4377, 37.0739, 50.2461

Trichromacy



Original Color

34.3974, 37.0418, 59.9804

Protanomaly

35.8629, 37.0177, 58.6810

Deuteranomaly

36.4023, 36.9907, 60.4797

Tritanomaly

33.0461, 37.0366, 53.5512

Monochromacy



Original Color

34.3974, 37.0418, 59.9804

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7840, 35.9649, 45.7188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3974, 37.0418, 59.9804 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, 167, 200)` looks like.

```
.text, #text, p{  
    color:rgb(136, 167, 200)  
}
```

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, 167, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 167, 200) }
```

Border

The CSS property to change the border of an element to XYZ 34.3974, 37.0418, 59.9804 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, 167, 200) }
```


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

```
.border{ border-color:rgb(136, 167, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 167, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 167, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 167, 200);  
box-shadow:4px 4px 4px 4px rgb(136, 167,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3974, 37.0418, 59.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 167, 200) }
```

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

```
.background{ background-color: rgb(136,  
167, 200) }
```

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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