

Converting Colors

XYZ(34.7415, 38.6817, 74.6830)

Have a look what the booklet for
XYZ(34.7415, 38.6817, 74.6830)
contains.

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Color

**XYZ(34.6839, 38.5406,
74.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	6FADDE
RGB	111, 173, 222
RGB Percent	44%, 68%, 87%
CMY	0.5647, 0.3216, 0.1294
CMYK	0.50, 0.22, 0.00, 0.13
HSL	206°, 63%, 65%
HSV	206°, 50%, 87%
XYZ	34.6839, 38.5406, 74.7183
YIQ	160.0480, -52.6810, 2.0950

Conversions

Conversions Part 2

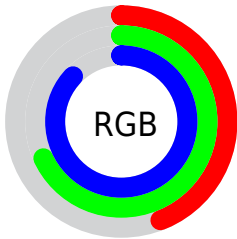
Format	Color
RYB	111, 151, 222
Decimal	7319006
CIELab	68.42, -6.57, -30.86
CIELCh	68, 31.552, 257.987
Yxy	38.5406, 0.2344, 0.2605
Android (android.graphics.Color)	4285509086 (0xFF6FADDE)
YUV	160.0480, 30.5423, -43.0151
Hunter-Lab	62.0811, -8.9162, -27.9023

Details

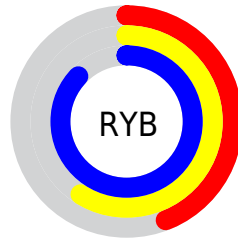
The XYZ color **34.6839, 38.5406, 74.7183** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.5653, 41.8201, 20.7108**, and the grayscale version is **33.3180, 35.0531, 38.1728**.

A 20% lighter version of the original color is **61.9419, 71.0316, 105.0535**, and **15.1777, 17.1686, 39.0731** is the 20% darker color. If you saturate the color by 10%, you get **30.4193, 33.6547, 74.0007**, and if you desaturate by 10%, it is **39.7830, 44.0629, 75.5162**.

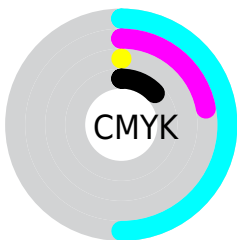
Distribution



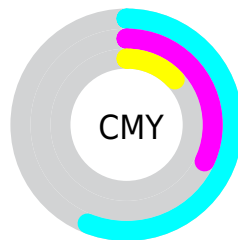
- Red (44%)
- Green (68%)
- Blue (87%)



- Red (44%)
- Yellow (59%)
- Blue (87%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6839, 38.5406, 74.7183 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 34.6839, 38.5406, 74.7183 by changing the saturation by 10% instead.

■ 34.6839, 38.5406,
74.7183

■ 34.6839, 38.5406,
74.7183

314.7034,
339.9334, 496.1783

■ 23.5849, 26.4025,
54.8818

■ 66.3330, 72.9360,
127.6569

■ 15.1490, 17.1250,
38.9091

■ 87.6138, 95.9621,
161.5962

■ 9.0110, 10.3237,
26.3818

■ 113.0193,
123.3863, 201.0734

■ 4.8055, 5.6141,
16.8811

142.9147,
155.5931, 246.5072

■ 2.1672, 2.6119,
9.9887

177.6655,
192.9668, 298.3160

■ 0.7254, 0.9326,
5.2860

217.6369,

■ 0.0000, 0.0000,

235.8918, 356.9184

2.3544

263.1945,
284.7525, 422.7330

■ 0.0000, 0.0000,
0.7614

■ 0.0000, 0.0000,
0.0000

■ 34.6839, 38.5406,
74.7183

■ 34.6839, 38.5406,
74.7183

■ 30.4193, 33.6547,
74.0007

■ 39.7830, 44.0629,
75.5162

■ 26.9299, 29.3679,
73.3572

■ 45.7626, 50.2472,
76.3947

■ 24.1543, 25.6449,
72.7849

■ 52.6697, 57.1227,
77.3578

■ 22.0182, 22.4426,
72.2794

■ 60.5466, 64.7150,
78.4081

■ 20.3930, 19.6900,
71.8337

■ 69.4328, 73.0485,
79.5482

■ 20.3927, 19.6895,
71.8336

■ 79.3656, 82.1461,
80.7807

■ 86.0590, 89.8021,
81.9057

■ 89.0481, 95.7803,
82.9021

■ 90.1850, 98.0540,
83.2810

Harmonies

Analogous

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



30.6167, 38.5406, 65.6832



34.6839, 38.5406, 74.7183



39.6539, 38.5406, 73.6420

Triad

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



34.6839, 38.5406, 74.7183



46.4635, 38.5406, 34.0880



29.9977, 38.5406, 26.2201

Complementary

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



34.6839, 38.5406, 74.7183



45.5653, 41.8201, 20.7108

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.



33.7670, 38.5406, 20.9908



34.6839, 38.5406, 74.7183



43.3870, 38.5406, 24.7774

Square

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



34.6839, 38.5406, 74.7183



46.7653, 38.5406, 47.9045



38.6511, 38.5406, 20.5303



28.0791, 38.5406, 36.5364

Rectangle

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



34.6839, 38.5406, 74.7183



42.8155, 38.5406, 67.3585



38.6511, 38.5406, 20.5303



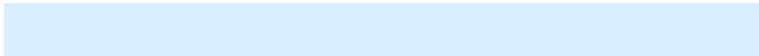
31.0739, 38.5406, 23.9202

Sweetspot

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



34.6852, 38.5420, 74.7192



77.1990, 83.1495, 106.5884



38.9446, 58.1297, 42.0154



16.0408, 17.3302, 22.7496



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.



34.6852, 38.5420, 74.7192



41.3975, 45.7808, 101.2624



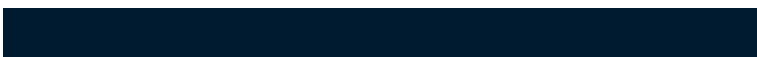
26.2672, 21.7061, 71.9132



13.5839, 14.5068, 17.4718



12.2253, 11.9202, 42.7049



0.9362, 1.0039, 2.9897

Inverse Universe

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



43.3526, 29.9169, 43.0262



55.0103, 34.3703, 51.0070



57.1931, 65.0756, 24.5867



14.0262, 13.8281, 15.9080



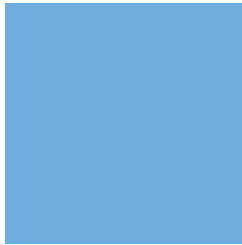
20.1110, 10.1114, 12.5161



1.4388, 0.7188, 1.1036

Previews

White Background



This preview shows how the XYZ color 34.6839, 38.5406, 74.7183 looks on a white background.

Color Contrast Check

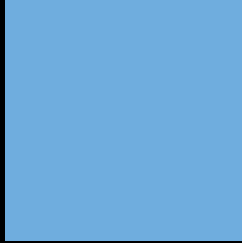
Large Text (above 18pt) WCAG AA × Fail

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 34.6839, 38.5406, 74.7183 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 34.6839, 38.5406, 74.7183

Background



This preview shows how black text looks on a background with the XYZ color 34.6839, 38.5406, 74.7183.

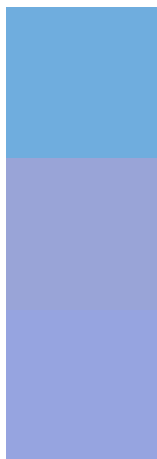


This preview shows how white text looks on a background with the XYZ color 34.6839, 38.5406,

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

34.6839, 38.5406, 74.7183

Protanopia

38.6781, 38.2295, 69.6305

Deuteranopia

39.3077, 38.4168, 75.8644



Tritanopia

30.9129, 38.4577, 56.2459

Trichromacy



Original Color

34.6839, 38.5406, 74.7183

Protanomaly

36.9548, 38.1027, 71.7365

Deuteranomaly

37.2913, 38.1994, 75.2198

Tritanomaly

32.2501, 38.4136, 62.8415

Monochromacy



Original Color

34.6839, 38.5406, 74.7183

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1577, 36.0799, 50.0163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6839, 38.5406, 74.7183 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(111, 173, 222)` looks like.

```
.text, #text, p{  
    color:rgb(111, 173, 222)  
}
```

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(111, 173, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 173, 222) }
```

Border

The CSS property to change the border of an element to XYZ 34.6839, 38.5406, 74.7183 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(111, 173, 222) }
```


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

```
.border{ border-color:rgb(111, 173, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 173, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 173, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 173, 222);  
box-shadow:4px 4px 4px 4px rgb(111, 173,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6839, 38.5406, 74.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 173, 222) }
```

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

```
.background{ background-color: rgb(111,  
173, 222) }
```

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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