

Converting Colors

XYZ(35.0178, 39.4988, 71.1504)

Have a look what the booklet for
XYZ(35.0178, 39.4988, 71.1504)
contains.

XYZ(34.9246, 39.3145, 71.3934) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(34.9246, 39.3145,
71.3934)**

Conversions

Conversions Part 1

Format	Color
Hex	73AFD9
RGB	115, 175, 217
RGB Percent	45%, 69%, 85%
CMY	0.5490, 0.3137, 0.1490
CMYK	0.47, 0.19, 0.00, 0.15
HSL	205°, 57%, 65%
HSV	205°, 47%, 85%
XYZ	34.9246, 39.3145, 71.3934
YIQ	161.8480, -49.2420, 0.3420

Conversions

Conversions Part 2

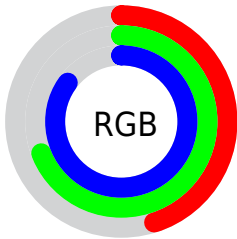
Format	Color
RYB	115, 153, 217
Decimal	7581657
CIELab	68.98, -8.16, -27.24
CIElCh	69, 28.434, 253.319
Yxy	39.3145, 0.2398, 0.2700
Android (android.graphics.Color)	4285771737 (0xFF73AFD9)
YUV	161.8480, 27.1899, -41.0857
Hunter-Lab	62.7013, -10.3028, -23.6183

Details

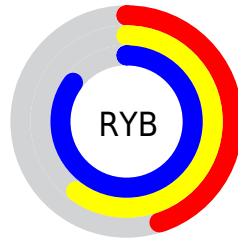
The XYZ color **34.9246, 39.3145, 71.3934** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.7679, 40.1048, 21.6553**, and the grayscale version is **34.1660, 35.9453, 39.1445**.

A 20% lighter version of the original color is **63.1414, 72.4716, 105.2682**, and **15.3495, 17.6741, 36.7849** is the 20% darker color. If you saturate the color by 10%, you get **30.7181, 34.6498, 70.7155**, and if you desaturate by 10%, it is **39.9204, 44.5585, 72.1430**.

Distribution



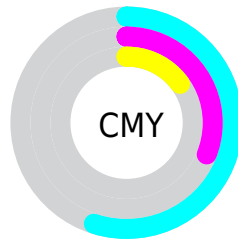
- Red (45%)
- Green (69%)
- Blue (85%)



- Red (45%)
- Yellow (60%)
- Blue (85%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (55%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9246, 39.3145, 71.3934 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 34.9246, 39.3145, 71.3934 by changing the saturation by 10% instead.

■ 34.9246, 39.3145,
71.3934

■ 34.9246, 39.3145,
71.3934

315.7492,
343.2258, 484.3482

■ 23.7710, 27.0045,
52.1795

■ 66.7037, 74.1185,
122.8934

■ 15.2877, 17.5766,
36.7649

■ 88.0600, 97.3813,
156.0166

■ 9.1092, 10.6464,
24.7312

■ 113.5479,
125.0638, 194.6133

■ 4.8701, 5.8296,
15.6597

143.5328,
157.5504, 239.1020

■ 2.2052, 2.7418,
9.1319

178.3800,
195.2255, 289.9013

■ 0.7455, 0.9984,
4.7294

218.4549,

■ 0.0000, 0.0000,

238.4735, 347.4297

2.0334

264.1229,
287.6788, 412.1058

■ 0.0000, 0.0000,
0.5757

■ 0.0000, 0.0000,
0.0000

■ 34.9246, 39.3145,
71.3934

■ 34.9246, 39.3145,
71.3934

■ 30.7181, 34.6498,
70.7155

■ 39.9204, 44.5585,
72.1430

■ 27.2470, 30.5310,
70.1034

■ 45.7469, 50.4040,
72.9642

■ 24.4560, 26.9271,
69.5549

■ 52.4471, 56.8771,
73.8605

■ 22.2795, 23.8006,
69.0661

■ 60.0597, 64.0007,
74.8343

■ 20.6320, 21.1039,
68.6324

■ 68.6210, 71.7964,
75.8878

■ 20.1978, 20.3564,
68.5110

■ 78.1653, 80.2849,
77.0232

■ 84.2082, 87.1572,
78.0312

■ 86.8681, 92.4770,
78.9178

■ 89.5245, 97.7898,
79.8033

Harmonies

Analogous

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



31.3869, 39.3145, 62.2825



34.9246, 39.3145, 71.3934



39.4080, 39.3145, 71.9270

Triad

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



34.9246, 39.3145, 71.3934



46.4911, 39.3145, 37.3183



31.7094, 39.3145, 27.1143

Complementary

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



34.9246, 39.3145, 71.3934



43.7679, 40.1048, 21.6553

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.



35.3982, 39.3145, 22.8465



34.9246, 39.3145, 71.3934



44.0628, 39.3145, 27.8841

Square

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



34.9246, 39.3145, 71.3934



46.3384, 39.3145, 50.3665



39.9212, 39.3145, 23.0964



29.6358, 39.3145, 36.0441

Rectangle

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



34.9246, 39.3145, 71.3934



42.3540, 39.3145, 67.1923



39.9212, 39.3145, 23.0964



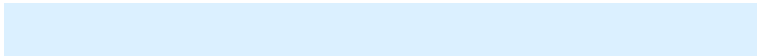
32.7881, 39.3145, 25.1758

Sweetspot

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



34.9259, 39.3160, 71.3943



78.6022, 84.8236, 106.8376



37.8681, 55.6651, 40.1138



16.3329, 17.6916, 22.8039



0.0000, 0.0000, 0.0000



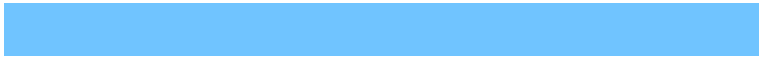
20.3446, 21.4041, 23.3091

Same Dimension

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



34.9259, 39.3160, 71.3943



44.5427, 50.2481, 101.9589



26.9549, 23.3740, 68.7373



12.9720, 13.8838, 16.6483



12.3330, 12.5354, 41.5080



0.8831, 0.9803, 2.7171

Inverse Universe

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



42.4850, 30.1097, 44.1314



57.0429, 36.8872, 56.4575



53.9751, 60.5193, 25.0577



13.3757, 13.1794, 15.2399



19.7205, 9.8892, 13.4398



1.3200, 0.6577, 1.0943

Previews

White Background



This preview shows how the XYZ color 34.9246, 39.3145, 71.3934 looks on a white background.

Color Contrast Check

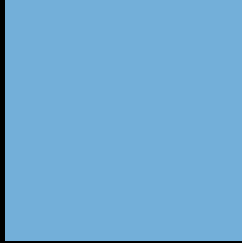
Large Text (above 18pt) WCAG AA × Fail

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 34.9246, 39.3145, 71.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

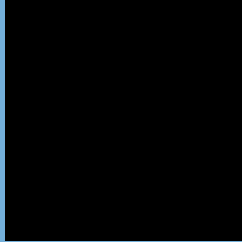
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9246, 39.3145, 71.3934

Background



This preview shows how black text looks on a background with the XYZ color 34.9246, 39.3145, 71.3934.

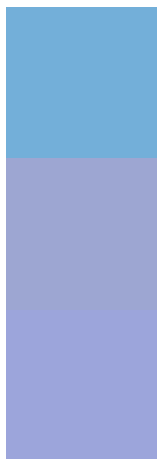


This preview shows how white text looks on a background with the XYZ color 34.9246, 39.3145,

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

34.9246, 39.3145, 71.3934

Protanopia

39.1737, 39.0937, 66.4539

Deuteranopia

39.9516, 39.0927, 72.4578



Tritanopia

32.0420, 39.3234, 56.9403

Trichromacy



Original Color

34.9246, 39.3145, 71.3934

Protanomaly

37.3535, 38.9308, 68.4964

Deuteranomaly

37.8274, 39.1006, 71.8831

Tritanomaly

33.1366, 39.4846, 61.7519

Monochromacy



Original Color

34.9246, 39.3145, 71.3934

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.9393, 37.0346, 49.6156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9246, 39.3145, 71.3934 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(115, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(115, 175, 217)  
}
```

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(115, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 175, 217) }
```

Border

The CSS property to change the border of an element to XYZ 34.9246, 39.3145, 71.3934 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(115, 175, 217) }
```


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

```
.border{ border-color:rgb(115, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(115, 175,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9246, 39.3145, 71.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 175, 217) }
```

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

```
.background{ background-color: rgb(115,  
175, 217) }
```

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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