

Converting Colors

XYZ(34.5891, 36.4403, 79.3394)

Have a look what the booklet for
XYZ(34.5891, 36.4403, 79.3394)
contains.

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Color

**XYZ(34.5891, 36.4403,
79.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	71A6E5
RGB	113, 166, 229
RGB Percent	44%, 65%, 90%
CMY	0.5568, 0.3490, 0.1020
CMYK	0.51, 0.28, 0.00, 0.10
HSL	213°, 69%, 67%
HSV	213°, 51%, 90%
XYZ	34.5891, 36.4403, 79.3394
YIQ	157.3350, -51.8110, 8.3570

Conversions

Conversions Part 2

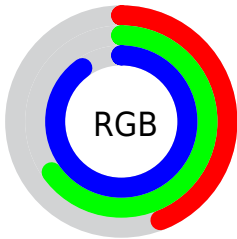
Format	Color
R _Y B	113, 149, 229
Decimal	7448293
CIE Lab	66.85, -0.16, -37.12
CIE LCh	67, 37.119, 269.754
Yxy	36.4403, 0.2300, 0.2423
Android (android.graphics.Color)	4285638373 (0xFF71A6E5)
YUV	157.3350, 35.3308, -38.8818
Hunter-Lab	60.3658, -3.3611, -35.6694

Details

The XYZ color **34.5891, 36.4403, 79.3394** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **50.8203, 48.9025, 22.3849**, and the grayscale version is **32.0623, 33.7320, 36.7342**.

A 20% lighter version of the original color is **60.4840, 67.4790, 104.4446**, and **15.0283, 15.8086, 41.7945** is the 20% darker color. If you saturate the color by 10%, you get **29.8536, 30.8041, 78.5018**, and if you desaturate by 10%, it is **40.2890, 42.8996, 80.2865**.

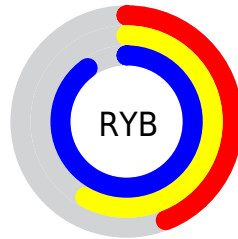
Distribution



Red (44%)

Green (65%)

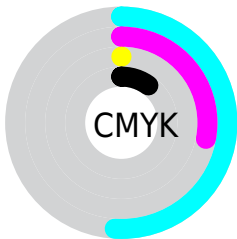
Blue (90%)



Red (44%)

Yellow (58%)

Blue (90%)

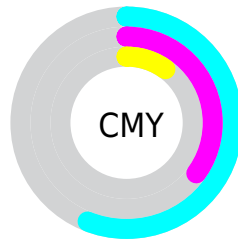


Cyan (51%)

Magenta (28%)

Yellow (0%)

Black (10%)



Cyan (56%)

Magenta (35%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5891, 36.4403, 79.3394 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 34.5891, 36.4403, 79.3394 by changing the saturation by 10% instead.

■ 34.5891, 36.4403,
79.3394

■ 34.5891, 36.4403,
79.3394

314.2908,
330.8809, 512.3517

■ 23.5116, 24.7744,
58.6519

■ 66.1870, 69.7111,
134.2396

■ 15.0945, 15.9091,
41.9148

■ 87.4380, 92.0849,
169.2893

■ 8.9725, 9.4598,
28.7095

■ 112.8109,
118.7967, 209.9636

■ 4.7802, 5.0423,
18.6175

142.6710,
150.2310, 256.6810

■ 2.1523, 2.2721,
11.2202

177.3837,
186.7722, 309.8599

■ 0.7174, 0.7589,
6.0991

217.3143,

■ 0.0000, 0.0000,

228.8046, 369.9190

2.8357

262.8282,
276.7128, 437.2767

■ 0.0000, 0.0000,
1.0114

■ 0.0000, 0.0000,
0.0000

■ 34.5891, 36.4403,
79.3394

■ 34.5891, 36.4403,
79.3394

■ 29.8536, 30.8041,
78.5018

■ 40.2890, 42.8996,
80.2865

■ 26.0156, 25.9453,
77.7662

■ 47.0065, 50.2162,
81.3447

■ 23.0044, 21.8186,
77.1284

■ 54.7951, 58.4269,
82.5190

■ 20.7356, 18.3704,
76.5824

■ 63.7034, 67.5648,
83.8132

■ 19.1568, 15.6849,
76.1473

■ 73.7766, 77.6611,
85.2311

■ 85.0575, 88.7456,
86.7761

■ 90.5282, 97.2077,
88.1211

■ 91.1430, 98.4372,
88.3260

Harmonies

Analogous

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



29.4753, 36.4403, 72.8430



34.5891, 36.4403, 79.3394



40.2763, 36.4403, 73.0421

Triad

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



34.5891, 36.4403, 79.3394



44.8828, 36.4403, 26.2219



26.1184, 36.4403, 26.0479

Complementary

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



34.5891, 36.4403, 79.3394



50.8203, 48.9025, 22.3849

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.



29.5474, 36.4403, 18.4273



34.5891, 36.4403, 79.3394



40.3651, 36.4403, 18.5070

Square

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



34.5891, 36.4403, 79.3394



46.5964, 36.4403, 39.8101



34.6818, 36.4403, 16.0886



24.9194, 36.4403, 39.5447

Rectangle

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



34.5891, 36.4403, 79.3394



43.5499, 36.4403, 63.2023



34.6818, 36.4403, 16.0886



27.0289, 36.4403, 22.8615

Sweetspot

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



34.5904, 36.4416, 79.3403



76.0782, 80.9079, 106.2148



42.5553, 62.6402, 50.3382



15.7712, 16.7911, 22.6597



0.0000, 0.0000, 0.0000



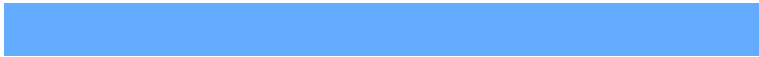
20.3446, 21.4041, 23.3091

Same Dimension

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



34.5904, 36.4416, 79.3403



37.7172, 38.8427, 100.1172



27.3675, 21.2416, 76.7871



14.1226, 14.9666, 18.2888



11.0700, 9.2022, 43.5759



0.9100, 0.8639, 3.2507

Inverse Universe

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



45.1023, 31.2228, 39.7271



53.0495, 33.1912, 41.8989



62.0938, 73.2607, 26.4923



14.6495, 14.4770, 16.3545



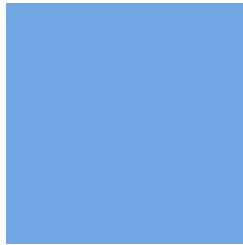
19.9812, 10.1267, 8.7957



1.5229, 0.7669, 0.8943

Previews

White Background



This preview shows how the XYZ color 34.5891, 36.4403, 79.3394 looks on a white background.

Color Contrast Check

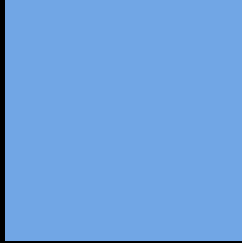
Large Text (above 18pt) WCAG AA × Fail

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 34.5891, 36.4403, 79.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

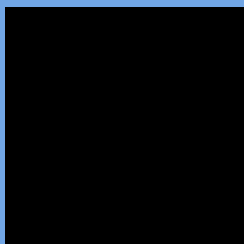
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

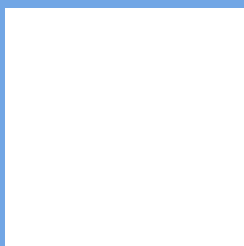
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5891, 36.4403, 79.3394

Background



This preview shows how black text looks on a background with the XYZ color 34.5891, 36.4403, 79.3394.

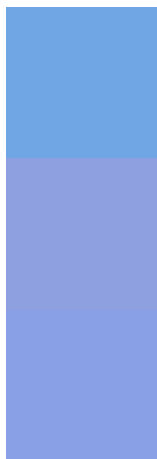


This preview shows how white text looks on a background with the XYZ color 34.5891, 36.4403,

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

34.5891, 36.4403, 79.3394

Protanopia

37.3530, 36.3631, 75.5711

Deuteranopia

37.1703, 36.1731, 79.8859



Tritanopia

29.3587, 36.5556, 53.0855

Trichromacy



Original Color

34.5891, 36.4403, 79.3394

Protanomaly

36.1635, 36.2372, 77.0400

Deuteranomaly

36.1053, 36.1430, 79.9363

Tritanomaly

31.0513, 36.3807, 61.8855

Monochromacy



Original Color

34.5891, 36.4403, 79.3394

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1026, 34.2232, 49.7135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5891, 36.4403, 79.3394 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(113, 166, 229)` looks like.

```
.text, #text, p{  
    color:rgb(113, 166, 229)  
}
```

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(113, 166, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 166, 229) }
```

Border

The CSS property to change the border of an element to XYZ 34.5891, 36.4403, 79.3394 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(113, 166, 229) }
```


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

```
.border{ border-color:rgb(113, 166, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 166, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 166, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 166, 229); box-shadow:4px 4px 4px 4px rgb(113, 166, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5891, 36.4403, 79.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 166, 229) }
```

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

```
.background{ background-color: rgb(113,  
166, 229) }
```

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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