

Converting Colors

XYZ(34.3815, 38.6205, 69.7807)

Have a look what the booklet for
XYZ(34.3815, 38.6205, 69.7807)
contains.

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Color

**XYZ(34.2795, 38.4383,
69.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	73ADD7
RGB	115, 173, 215
RGB Percent	45%, 68%, 84%
CMY	0.5490, 0.3216, 0.1569
CMYK	0.47, 0.20, 0.00, 0.16
HSL	205°, 56%, 65%
HSV	205°, 47%, 84%
XYZ	34.2795, 38.4383, 69.9026
YIQ	160.4460, -48.0500, 0.7660

Conversions

Conversions Part 2

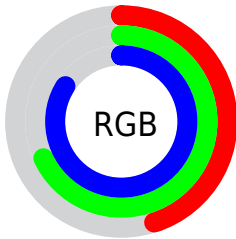
Format	Color
RYB	115, 152, 215
Decimal	7581143
CIELab	68.34, -7.64, -27.12
CIELCh	68, 28.171, 254.267
Yxy	38.4383, 0.2404, 0.2695
Android (android.graphics.Color)	4285771223 (0xFF73ADD7)
YUV	160.4460, 26.8951, -39.8561
Hunter-Lab	61.9986, -9.8036, -23.4496

Details

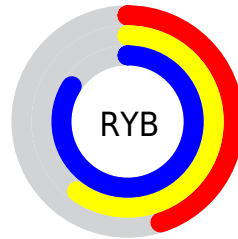
The XYZ color **34.2795, 38.4383, 69.9026** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.1767, 39.7997, 21.6273**, and the grayscale version is **33.5161, 35.2615, 38.3998**.

A 20% lighter version of the original color is **62.5880, 71.3647, 105.0838**, and **14.9275, 17.1124, 35.7740** is the 20% darker color. If you saturate the color by 10%, you get **30.1019, 33.8012, 69.2284**, and if you desaturate by 10%, it is **39.2360, 43.6523, 70.6485**.

Distribution



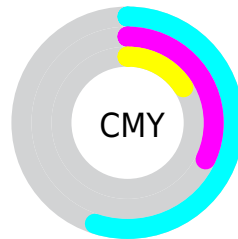
- Red (45%)
- Green (68%)
- Blue (84%)



- Red (45%)
- Yellow (60%)
- Blue (84%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2795, 38.4383, 69.9026 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 34.2795, 38.4383, 69.9026 by changing the saturation by 10% instead.

■ 34.2795, 38.4383,
69.9026

■ 34.2795, 38.4383,
69.9026

312.9406,
339.4964, 478.9878

■ 23.2723, 26.3230,
50.9708

■ 65.7095, 72.7794,
120.7497

■ 14.9165, 17.0655,
35.8088

■ 86.8630, 95.7741,
153.5020

■ 8.8467, 10.2812,
23.9981

■ 112.1293,
123.1640, 191.6983

■ 4.6977, 5.5858,
15.1200

141.8738,
155.3336, 235.7571

■ 2.1039, 2.5949,
8.7561

176.4618,
192.6673, 286.0969

■ 0.6913, 0.9241,
4.4878

216.2587,

■ 0.0000, 0.0000,

235.5494, 343.1363

1.8966

261.6298,
284.3643, 407.2937

■ 0.0000, 0.0000,
0.4906

■ 0.0000, 0.0000,
0.0000

■ 34.2795, 38.4383,
69.9026

■ 34.2795, 38.4383,
69.9026

■ 30.1019, 33.8012,
69.2284

■ 39.2360, 43.6523,
70.6485

■ 26.6505, 29.7080,
68.6203

■ 45.0117, 49.4649,
71.4660

■ 23.8718, 26.1284,
68.0758

■ 51.6488, 55.9017,
72.3586

■ 21.7018, 23.0258,
67.5913

■ 59.1850, 62.9855,
73.3287

■ 20.0599, 20.3549,
67.1623

■ 67.6558, 70.7376,
74.3786

■ 19.5618, 19.4983,
67.0232

■ 77.0947, 79.1782,
75.5103

■ 83.5625, 86.2795,
76.5401

■ 86.2316, 91.6177,
77.4298

■ 89.0341, 97.2227,
78.3640

Harmonies

Analogous

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



30.7837, 38.4383, 61.2303



34.2795, 38.4383, 69.9026



38.6677, 38.4383, 70.1296

Triad

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



34.2795, 38.4383, 69.9026



45.3994, 38.4383, 36.1400



30.9210, 38.4383, 26.7391

Complementary

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



34.2795, 38.4383, 69.9026



43.1767, 39.7997, 21.6273

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.



34.4811, 38.4383, 22.4280



34.2795, 38.4383, 69.9026



42.9602, 38.4383, 27.0669

Square

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



34.2795, 38.4383, 69.9026



45.3344, 38.4383, 48.8009



38.8862, 38.4383, 22.5344



28.9540, 38.4383, 35.5975

Rectangle

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



34.2795, 38.4383, 69.9026



41.5282, 38.4383, 65.3448



38.8862, 38.4383, 22.5344



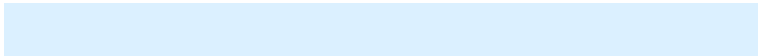
31.9580, 38.4383, 24.7974

Sweetspot

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



34.2808, 38.4397, 69.9035



78.5157, 84.6505, 106.8087



37.4291, 54.6696, 40.3301



16.3118, 17.6493, 22.7969



0.0000, 0.0000, 0.0000



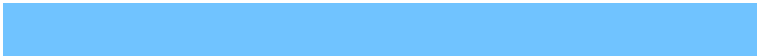
20.3446, 21.4041, 23.3091

Same Dimension

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



34.2808, 38.4397, 69.9035



44.2783, 49.7193, 101.8708



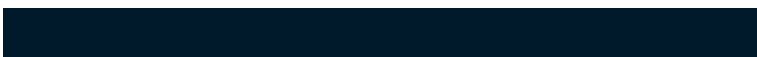
26.4615, 22.8011, 67.2971



12.3349, 13.1931, 15.8339



11.8072, 11.8761, 40.1232



0.7932, 0.8784, 2.4471

Inverse Universe

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



41.6989, 29.7268, 43.0768



56.9094, 36.8338, 55.7548



53.3518, 60.1501, 25.0190



12.7222, 12.5404, 14.4774



19.0186, 9.5437, 12.6678



1.1880, 0.5920, 0.9795

Previews

White Background



This preview shows how the XYZ color 34.2795, 38.4383, 69.9026 looks on a white background.

Color Contrast Check

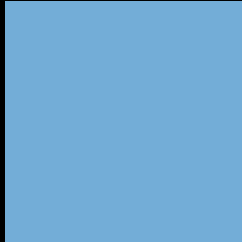
Large Text (above 18pt) WCAG AA × Fail

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 34.2795, 38.4383, 69.9026 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 34.2795, 38.4383, 69.9026

Background



This preview shows how black text looks on a background with the XYZ color 34.2795, 38.4383, 69.9026.



This preview shows how white text looks on a background with the XYZ color 34.2795, 38.4383,

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

34.2795, 38.4383, 69.9026

Protanopia

38.3017, 38.1229, 65.6613

Deuteranopia

38.9480, 38.0742, 70.9419



Tritanopia

31.3105, 38.3940, 55.0508

Trichromacy



Original Color

34.2795, 38.4383, 69.9026

Protanomaly

36.3918, 37.9160, 67.0285

Deuteranomaly

37.0286, 38.1708, 70.3818

Tritanomaly

32.5062, 38.6003, 60.3809

Monochromacy



Original Color

34.2795, 38.4383, 69.9026

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1950, 36.1348, 48.4052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2795, 38.4383, 69.9026 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, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(115, 173, 215)  
}
```

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, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 173, 215) }
```

Border

The CSS property to change the border of an element to XYZ 34.2795, 38.4383, 69.9026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

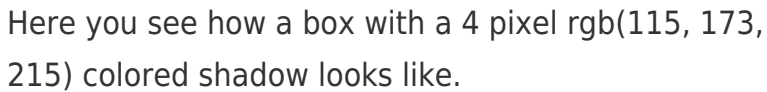
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 173, 215) }
```


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

```
.border{ border-color:rgb(115, 173, 215) }
```

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



Here you see how a box with a 4 pixel rgb(115, 173, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(115, 173,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2795, 38.4383, 69.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 173, 215) }
```

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

```
.background{ background-color: rgb(115,  
173, 215) }
```

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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