

Converting Colors

XYZ(34.5670, 37.9702, 93.7862)

Have a look what the booklet for
XYZ(34.5670, 37.9702, 93.7862)
contains.

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Color

**XYZ(34.5561, 38.0584,
93.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	4AADF7
RGB	74, 173, 247
RGB Percent	29%, 68%, 97%
CMY	0.7098, 0.3216, 0.0314
CMYK	0.70, 0.30, 0.00, 0.03
HSL	206°, 92%, 63%
HSV	206°, 70%, 97%
XYZ	34.5561, 38.0584, 93.5204
YIQ	151.8350, -82.7580, 2.0260

Conversions

Conversions Part 2

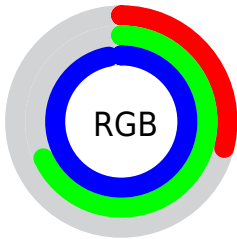
Format	Color
RYB	74, 137, 247
Decimal	4894199
CIELab	68.06, -5.48, -45.18
CIELCh	68, 45.507, 263.080
Yxy	38.0584, 0.2080, 0.2291
Android (android.graphics.Color)	4283084279 (0xFF4AADF7)
YUV	151.8350, 46.9163, -68.2613
Hunter-Lab	61.6915, -7.9745, -46.6958

Details

The XYZ color **34.5561, 38.0584, 93.5204** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **50.1860, 41.4518, 11.8364**, and the grayscale version is **29.6056, 31.1474, 33.9195**.

A 20% lighter version of the original color is **56.7779, 68.3695, 104.8119**, and **16.1316, 17.3924, 51.2220** is the 20% darker color. If you saturate the color by 10%, you get **31.0676, 33.3708, 92.8003**, and if you desaturate by 10%, it is **38.9536, 43.4536, 94.3308**.

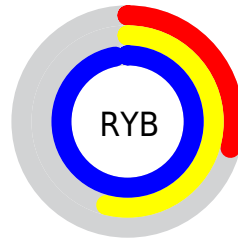
Distribution



Red (29%)

Green (68%)

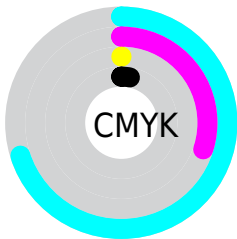
Blue (97%)



Red (29%)

Yellow (54%)

Blue (97%)

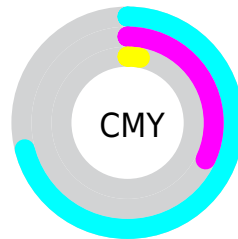


Cyan (70%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5561, 38.0584, 93.5204 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 34.5561, 38.0584, 93.5204 by changing the saturation by 10% instead.

■ 34.5561, 38.0584,
93.5204

■ 34.5561, 38.0584,
93.5204

314.1471,
337.8704, 560.2802

■ 23.4860, 26.0280,
70.3140

■ 66.1361, 72.1976,
154.1968

■ 15.0755, 16.8446,
51.3042

■ 87.3767, 95.0753,
192.5040

■ 8.9590, 10.1238,
36.0724

■ 112.7383,
122.3375, 236.6818

■ 4.7714, 5.4811,
24.2000

■ 142.5861,
154.3686, 287.1489

■ 2.1471, 2.5322,
15.2684

177.2855,
191.5531, 344.3237

■ 0.7146, 0.8927,
8.8593

217.2019,

■ 0.0000, 0.0000,

234.2753, 408.6248

4.5540

262.7007,
282.9196, 480.4708

■ 0.0000, 0.0000,
1.9339

■ 0.0000, 0.0000,
0.5142

■ 34.5561, 38.0584,
93.5204

■ 34.5561, 38.0584,
93.5204

■ 31.0676, 33.3708,
92.8003

■ 38.9536, 43.4536,
94.3308

■ 28.3873, 29.3317,
92.1619

■ 44.3375, 49.5999,
95.2334

■ 26.3642, 25.8665,
91.5997

■ 50.7810, 56.5408,
96.2335

■ 58.3486, 64.3143,
97.3351

■ 67.0992, 72.9559,
98.5419

■ 77.0875, 82.4982,
99.8573

■ 88.3646, 92.9723,
101.2846

■ 93.7887, 99.4955,
102.2578

Harmonies

Analogous

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



28.5885, 38.0584, 81.1341



34.5561, 38.0584, 93.5204



41.7837, 38.0584, 88.7185

Triad

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



34.5561, 38.0584, 93.5204



50.2161, 38.0584, 27.9434



26.3345, 38.0584, 22.1364

Complementary

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



34.5561, 38.0584, 93.5204



50.1860, 41.4518, 11.8364

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.



31.0891, 38.0584, 14.9039



34.5561, 38.0584, 93.5204



44.9935, 38.0584, 17.4109

Square

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



34.5561, 38.0584, 93.5204



51.4603, 38.0584, 46.3218



37.8403, 38.0584, 13.5132



24.2602, 38.0584, 36.9122

Rectangle

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



34.5561, 38.0584, 93.5204



46.3038, 38.0584, 76.9865



37.8403, 38.0584, 13.5132



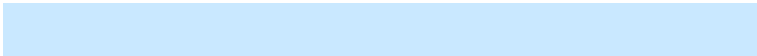
27.6400, 38.0584, 18.9678

Sweetspot

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



34.5575, 38.0597, 93.5214



71.1414, 77.4657, 105.8106



41.2813, 70.0565, 38.5774



14.6500, 16.0161, 22.5692



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.



34.5575, 38.0597, 93.5214



32.1200, 34.0144, 99.4803



23.1384, 15.2215, 89.7150



16.3685, 17.5012, 21.0579



14.0869, 13.9675, 48.4916



1.3399, 1.4313, 4.2959

Inverse Universe

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



48.3507, 27.6906, 42.3327



48.6704, 25.4898, 37.1806



68.6161, 78.3121, 17.9798



16.8966, 16.6415, 19.2019



22.9149, 11.5094, 14.7922



2.0654, 1.0321, 1.5708

Previews

White Background



This preview shows how the XYZ color 34.5561, 38.0584, 93.5204 looks on a white background.

Color Contrast Check

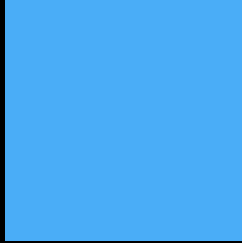
Large Text (above 18pt) WCAG AA × Fail

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 34.5561, 38.0584, 93.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

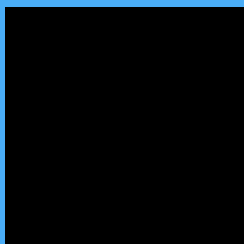
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

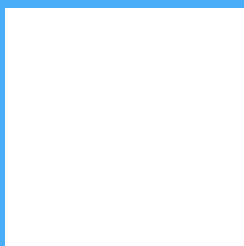
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5561, 38.0584, 93.5204

Background



This preview shows how black text looks on a background with the XYZ color 34.5561, 38.0584, 93.5204.



This preview shows how white text looks on a background with the XYZ color 34.5561, 38.0584,

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

34.5561, 38.0584, 93.5204

Protanopia

39.1682, 37.5892, 86.0800

Deuteranopia

38.8318, 37.7504, 94.8624



Tritanopia

27.7047, 38.2555, 58.7472

Trichromacy



Original Color

34.5561, 38.0584, 93.5204

Protanomaly

36.7159, 37.3363, 88.4906

Deuteranomaly

36.7059, 37.4789, 94.1065

Tritanomaly

29.6525, 37.7995, 70.0232

Monochromacy



Original Color

34.5561, 38.0584, 93.5204

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8526, 33.0146, 51.8128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5561, 38.0584, 93.5204 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(74, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 173, 247)  
}
```

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(74, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 173, 247) }
```

Border

The CSS property to change the border of an element to XYZ 34.5561, 38.0584, 93.5204 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(74, 173, 247) }
```


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

```
.border{ border-color:rgb(74, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 173,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5561, 38.0584, 93.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 173, 247) }
```

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

```
.background{ background-color: rgb(74, 173,  
247) }
```

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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