

Converting Colors

XYZ(34.5829, 35.0509, 93.7497)

Have a look what the booklet for
XYZ(34.5829, 35.0509, 93.7497)
contains.

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Color

**XYZ(34.5829, 35.0509,
93.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA2F8
RGB	95, 162, 248
RGB Percent	37%, 64%, 97%
CMY	0.6274, 0.3647, 0.0274
CMYK	0.62, 0.35, 0.00, 0.03
HSL	214°, 92%, 67%
HSV	214°, 62%, 97%
XYZ	34.5829, 35.0509, 93.7497
YIQ	151.7710, -67.5380, 12.5420

Conversions

Conversions Part 2

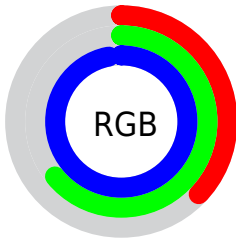
Format	Color
R _{YB}	95, 142, 248
Decimal	6267640
CIE Lab	65.79, 4.42, -49.25
CIE LCh	66, 49.452, 275.125
Yxy	35.0509, 0.2117, 0.2145
Android (android.graphics.Color)	4284457720 (0xFF5FA2F8)
YUV	151.7710, 47.4409, -49.7882
Hunter-Lab	59.2038, 0.6611, -52.4435

Details

The XYZ color **34.5829, 35.0509, 93.7497** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **57.3028, 53.8334, 18.1990**, and the grayscale version is **29.5708, 31.1108, 33.8797**.

A 20% lighter version of the original color is **56.7675, 64.0138, 103.9717**, and **15.1009, 15.1369, 51.4160** is the 20% darker color. If you saturate the color by 10%, you get **30.0838, 29.2864, 92.8749**, and if you desaturate by 10%, it is **40.1766, 41.7848, 94.7554**.

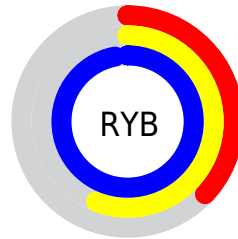
Distribution



Red (37%)

Green (64%)

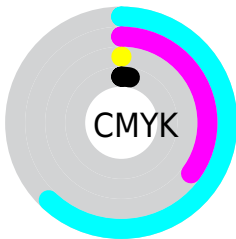
Blue (97%)



Red (37%)

Yellow (56%)

Blue (97%)

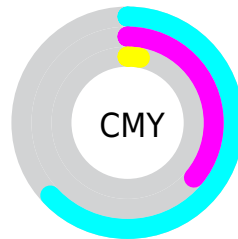


Cyan (62%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5829, 35.0509, 93.7497 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 34.5829, 35.0509, 93.7497 by changing the saturation by 10% instead.

■ 34.5829, 35.0509,
93.7497

■ 34.5829, 35.0509,
93.7497

314.2638,
324.7929, 561.0363

■ 23.5068, 23.7021,
70.5037

■ 66.1774, 67.5646,
154.5168

■ 15.0909, 15.1128,
51.4579

■ 87.4265, 89.4983,
192.8750

■ 8.9699, 8.8986,
36.1939

■ 112.7972,
115.7291, 237.1076

■ 4.7785, 4.6751,
24.2931

■ 142.6550,
146.6413, 287.6332

■ 2.1513, 2.0579,
15.3370

177.3652,
182.6194, 344.8703

■ 0.7169, 0.6408,
8.9070

217.2932,

■ 0.0000, 0.0000,

224.0478, 409.2375

4.5846

262.8043,
271.3109, 481.1533

■ 0.0000, 0.0000,
1.9512

■ 0.0000, 0.0000,
0.5250

■ 34.5829, 35.0509,
93.7497

■ 34.5829, 35.0509,
93.7497

■ 30.0838, 29.2864,
92.8749

■ 40.1766, 41.7848,
94.7554

■ 26.5855, 24.4283,
92.1216

■ 46.9396, 49.5377,
95.8954

■ 23.9827, 20.4091,
91.4830

■ 54.9441, 58.3593,
97.1762

■ 22.3692, 17.6289,
91.0314

■ 64.2551, 68.2945,
98.6032

■ 74.9326, 79.3853,
100.1812

■ 87.0328, 91.6715,
101.9149

■ 93.9434, 99.5574,
103.0728

Harmonies

Analogous

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



27.7587, 35.0509, 87.4089



34.5829, 35.0509, 93.7497



42.0497, 35.0509, 81.3241

Triad

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



34.5829, 35.0509, 93.7497



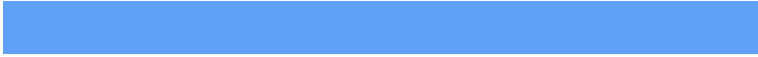
46.1474, 35.0509, 19.4107



22.1458, 35.0509, 23.6440

Complementary

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



34.5829, 35.0509, 93.7497



57.3028, 53.8334, 18.1990

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.



25.8820, 35.0509, 13.8435



34.5829, 35.0509, 93.7497



39.5669, 35.0509, 12.0982

Square

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



34.5829, 35.0509, 93.7497



49.3202, 35.0509, 34.6891



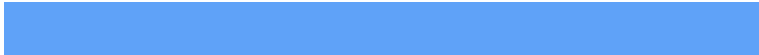
32.0781, 35.0509, 10.5156



21.2113, 35.0509, 41.8645

Rectangle

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



34.5829, 35.0509, 93.7497



46.1910, 35.0509, 66.0339



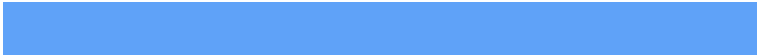
32.0781, 35.0509, 10.5156



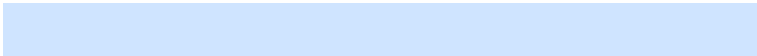
23.0860, 35.0509, 19.5022

Sweetspot

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



34.5842, 35.0521, 93.7506



71.3356, 75.7787, 105.4747



46.4401, 72.8296, 54.3394



14.6056, 15.5242, 22.4766



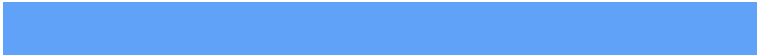
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.5842, 35.0521, 93.7506



31.0534, 29.8615, 98.7349



26.5906, 17.8265, 90.8470



16.9084, 17.8936, 21.9479



12.2178, 9.7912, 49.2195



1.2350, 1.1138, 4.5931

Inverse Universe

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



49.3264, 30.7511, 37.5192



48.6250, 27.3593, 31.1225



71.6881, 86.5485, 23.7555



17.5603, 17.3515, 19.5403



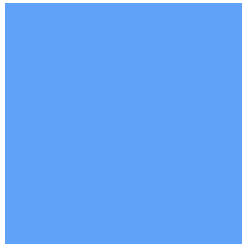
22.4590, 11.3993, 9.1255



2.1323, 1.0767, 1.1202

Previews

White Background



This preview shows how the XYZ color 34.5829, 35.0509, 93.7497 looks on a white background.

Color Contrast Check

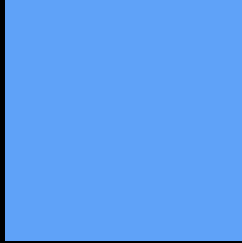
Large Text (above 18pt) WCAG AA × Fail

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 34.5829, 35.0509, 93.7497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

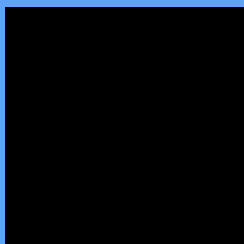
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

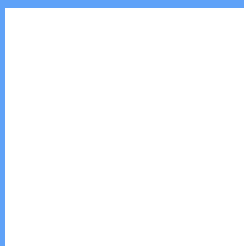
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5829, 35.0509, 93.7497

Background



This preview shows how black text looks on a background with the XYZ color 34.5829, 35.0509, 93.7497.



This preview shows how white text looks on a background with the XYZ color 34.5829, 35.0509,

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

34.5829, 35.0509, 93.7497

Protanopia

36.9682, 34.8372, 89.5698

Deuteranopia

36.0526, 35.0153, 94.4810



Tritanopia

26.4599, 35.0612, 52.9499

Trichromacy



Original Color

34.5829, 35.0509, 93.7497

Protanomaly

35.9107, 34.7593, 91.2027

Deuteranomaly

35.4954, 34.9844, 94.5044

Tritanomaly

29.0682, 34.9804, 66.1926

Monochromacy



Original Color

34.5829, 35.0509, 93.7497

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2182, 32.1901, 51.6343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5829, 35.0509, 93.7497 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(95, 162, 248)` looks like.

```
.text, #text, p{  
    color:rgb(95, 162, 248)  
}
```

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(95, 162, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 162, 248) }
```

Border

The CSS property to change the border of an element to XYZ 34.5829, 35.0509, 93.7497 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(95, 162, 248) }
```


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

```
.border{ border-color:rgb(95, 162, 248) }
```

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

Here you see how a box with a 4 pixel rgb(95, 162, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 162, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 162, 248);  
box-shadow:4px 4px 4px 4px rgb(95, 162,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5829, 35.0509, 93.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 162, 248) }
```

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

```
.background{ background-color: rgb(95, 162,  
248) }
```

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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