

Converting Colors

XYZ(35.1534, 35.2752, 99.5638)

Have a look what the booklet for
XYZ(35.1534, 35.2752, 99.5638)
contains.

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Color

**XYZ(35.0902, 35.1845,
99.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	59A2FF
RGB	89, 162, 255
RGB Percent	35%, 64%, 100%
CMY	0.6509, 0.3647, 0.0000
CMYK	0.65, 0.36, 0.00, 0.00
HSL	214°, 100%, 67%
HSV	214°, 65%, 100%
XYZ	35.0902, 35.1845, 99.5496
YIQ	150.7750, -73.3610, 13.4470

Conversions

Conversions Part 2

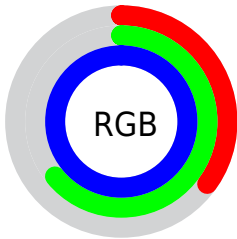
Format	Color
R_{YB}	89, 140, 255
Decimal	5874431
CIE Lab	65.89, 5.71, -52.92
CIE LCh	66, 53.227, 276.155
Yxy	35.1845, 0.2066, 0.2072
Android (android.graphics.Color)	4284064511 (0xFF59A2FF)
YUV	150.7750, 51.3829, -54.1767
Hunter-Lab	59.3165, 1.7923, -57.9835

Details

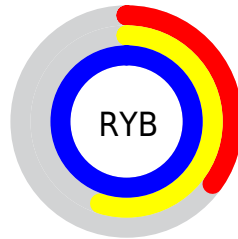
The XYZ color **35.0902, 35.1845, 99.5496** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **59.7733, 55.4409, 17.0042**, and the grayscale version is **29.1309, 30.6480, 33.3757**.

A 20% lighter version of the original color is **55.7427, 63.1040, 103.8501**, and **15.8775, 15.4461, 55.5706** is the 20% darker color. If you saturate the color by 10%, you get **30.6779, 29.3841, 98.6625**, and if you desaturate by 10%, it is **40.6379, 41.9956, 100.5719**.

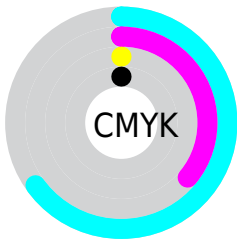
Distribution



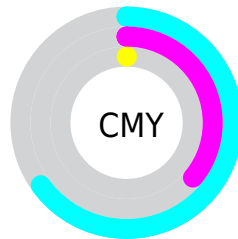
- Red (35%)
- Green (64%)
- Blue (100%)



- Red (35%)
- Yellow (55%)
- Blue (100%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0902, 35.1845, 99.5496 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 35.0902, 35.1845, 99.5496 by changing the saturation by 10% instead.

■ 35.0902, 35.1845,
99.5496

■ 35.0902, 35.1845,
99.5496

316.4673,
325.3820, 579.9820

■ 23.8992, 23.8050,
75.3097

■ 66.9586, 67.7715,
162.5846

■ 15.3832, 15.1891,
55.3634

■ 88.3667, 89.7478,
202.2167

■ 9.1768, 8.9522,
39.2921

■ 113.9112,
116.0252, 247.8166

■ 4.9147, 4.7100,
26.6775

■ 143.9575,
146.9880, 299.8028

■ 2.2316, 2.0781,
17.1009

178.8709,
183.0207, 358.5939

■ 0.7593, 0.6523,
10.1437

219.0167,

■ 0.0000, 0.0000,

224.5077, 424.6085

5.3875

264.7604,
271.8333, 498.2650

■ 0.0000, 0.0000,
2.4137

■ 0.0000, 0.0000,
0.7939

■ 35.0902, 35.1845,
99.5496

■ 35.0902, 35.1845,
99.5496

■ 30.6779, 29.3841,
98.6625

■ 40.6379, 41.9956,
100.5719

■ 27.2960, 24.5248,
97.9028

■ 47.4052, 49.8729,
101.7357

■ 24.8225, 20.5292,
97.2620

■ 55.4717, 58.8708,
103.0473

■ 23.8588, 18.8376,
96.9863

■ 64.9088, 69.0384,
104.5124

■ 75.7823, 80.4215,
106.1365

■ 88.1535, 93.0632,
107.9245

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



27.6912, 35.1845, 93.1728



35.0902, 35.1845, 99.5496



43.1847, 35.1845, 85.0216

Triad

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



35.0902, 35.1845, 99.5496



47.2044, 35.1845, 18.0121



21.4254, 35.1845, 23.3283

Complementary

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



35.0902, 35.1845, 99.5496



59.7733, 55.4409, 17.0042

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.



25.2870, 35.1845, 12.8949



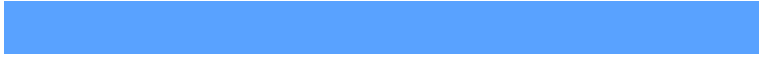
35.0902, 35.1845, 99.5496



39.9381, 35.1845, 10.7752

Square

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



35.0902, 35.1845, 99.5496



50.8507, 35.1845, 33.8498



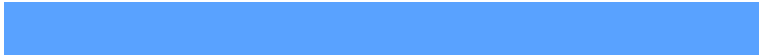
31.8459, 35.1845, 9.3615



20.5430, 35.1845, 43.1456

Rectangle

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



35.0902, 35.1845, 99.5496



47.6460, 35.1845, 67.8617



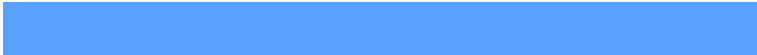
31.8459, 35.1845, 9.3615



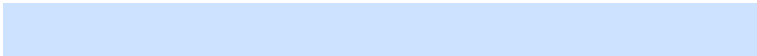
22.3849, 35.1845, 18.8911

Sweetspot

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



35.0914, 35.1856, 99.5497



70.2643, 74.6823, 105.3195



48.1501, 76.9521, 55.6584



14.3970, 15.3101, 22.4463



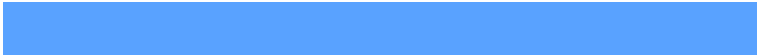
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.0914, 35.1856, 99.5497



29.5937, 27.8781, 98.4290



26.5861, 16.9249, 96.4733



17.6603, 18.6922, 22.9271



12.6095, 10.1287, 50.7250



1.3344, 1.1994, 4.9745

Inverse Universe

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



51.3350, 31.0152, 37.4641



47.6597, 26.0983, 28.7364



75.8158, 91.9612, 23.2078



18.3412, 18.1198, 20.4138



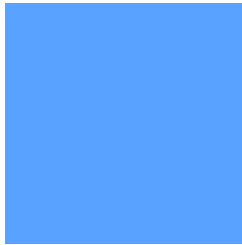
23.1529, 11.7505, 9.4557



2.3081, 1.1656, 1.2040

Previews

White Background



This preview shows how the XYZ color 35.0902, 35.1845, 99.5496 looks on a white background.

Color Contrast Check

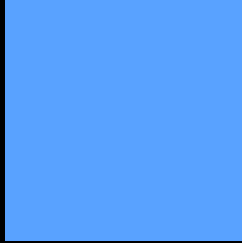
Large Text (above 18pt) WCAG AA × Fail

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 35.0902, 35.1845, 99.5496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

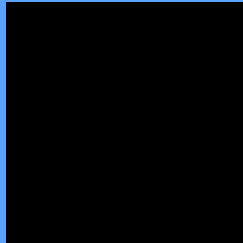
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

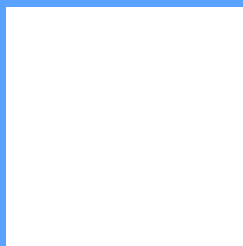
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0902, 35.1845, 99.5496

Background



This preview shows how black text looks on a background with the XYZ color 35.0902, 35.1845, 99.5496.



This preview shows how white text looks on a background with the XYZ color 35.0902, 35.1845,

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

35.0902, 35.1845, 99.5496

Protanopia

37.4560, 34.9641, 95.2171

Deuteranopia

36.2143, 35.2452, 99.5020



Tritanopia

25.9895, 35.0815, 54.1168

Trichromacy



Original Color

35.0902, 35.1845, 99.5496

Protanomaly

36.3531, 34.8615, 96.9084

Deuteranomaly

35.8319, 35.3064, 99.5340

Tritanomaly

28.6923, 34.7283, 68.8093

Monochromacy



Original Color

35.0902, 35.1845, 99.5496

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8087, 31.7060, 52.6929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0902, 35.1845, 99.5496 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(89, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 162, 255)  
}
```

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(89, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 162, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.0902, 35.1845, 99.5496 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(89, 162, 255) }
```


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

```
.border{ border-color:rgb(89, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 162,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0902, 35.1845, 99.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 162, 255) }
```

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

```
.background{ background-color: rgb(89, 162,  
255) }
```

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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