

Converting Colors

XYZ(35.0361, 34.2840, 99.3786)

Have a look what the booklet for
XYZ(35.0361, 34.2840, 99.3786)
contains.

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Color

**XYZ(35.0642, 34.3960,
99.3987)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9FFF
RGB	94, 159, 255
RGB Percent	37%, 62%, 100%
CMY	0.6313, 0.3765, 0.0000
CMYK	0.63, 0.38, 0.00, 0.00
HSL	216°, 100%, 68%
HSV	216°, 63%, 100%
XYZ	35.0642, 34.3960, 99.3987
YIQ	150.5090, -69.5560, 16.0760

Conversions

Conversions Part 2

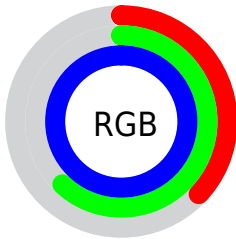
Format	Color
R _Y B	94, 140, 255
Decimal	6201343
CIE Lab	65.28, 8.28, -53.89
CIE LCh	65, 54.517, 278.731
Yxy	34.3960, 0.2077, 0.2037
Android (android.graphics.Color)	4284391423 (0xFF5E9FFF)
YUV	150.5090, 51.5141, -49.5584
Hunter-Lab	58.6481, 4.0864, -59.4329

Details

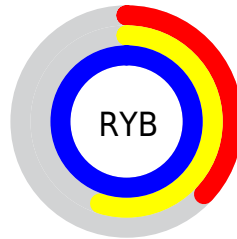
The XYZ color **35.0642, 34.3960, 99.3987** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **61.6756, 58.8980, 18.7094**, and the grayscale version is **29.0161, 30.5272, 33.2441**.

A 20% lighter version of the original color is **55.7489, 61.9766, 103.6321**, and **15.5556, 14.8023, 55.4633** is the 20% darker color. If you saturate the color by 10%, you get **30.4120, 28.3522, 98.4774**, and if you desaturate by 10%, it is **40.9039, 41.5303, 100.4680**.

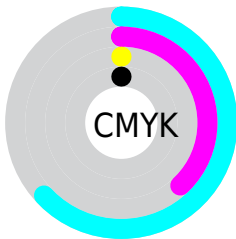
Distribution



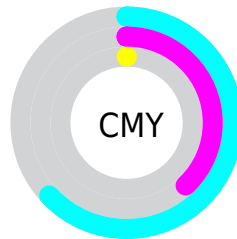
- Red (37%)
- Green (62%)
- Blue (100%)



- Red (37%)
- Yellow (55%)
- Blue (100%)



- Cyan (63%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0642, 34.3960, 99.3987 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 35.0642, 34.3960, 99.3987 by changing the saturation by 10% instead.

■ 35.0642, 34.3960,
99.3987

■ 35.0642, 34.3960,
99.3987

316.3547,
321.8942, 579.4933

■ 23.8791, 23.1980,
75.1844

■ 66.9186, 66.5490,
162.3753

■ 15.3682, 14.7398,
55.2613

■ 88.3185, 88.2728,
201.9746

■ 9.1662, 8.6370,
39.2110

■ 113.8542,
114.2739, 247.5394

■ 4.9077, 4.5051,
26.6148

■ 143.8908,
144.9369, 299.4881

■ 2.2274, 1.9600,
17.0543

178.7938,
180.6460, 358.2393

■ 0.7571, 0.5841,
10.1108

218.9286,

■ 0.0000, 0.0000,

221.7856, 424.2115

5.3659

264.6604,
268.7402, 497.8234

■ 0.0000, 0.0000,
2.4011

■ 0.0000, 0.0000,
0.7870

■ 35.0642, 34.3960,
99.3987

■ 35.0642, 34.3960,
99.3987

■ 30.4120, 28.3522,
98.4774

■ 40.9039, 41.5303,
100.4680

■ 26.8431, 23.3268,
97.6955

■ 48.0151, 49.8136,
101.6921

■ 24.2386, 19.2404,
97.0440

■ 56.4778, 59.3031,
103.0777

■ 22.8948, 16.9097,
96.6649

■ 66.3641, 70.0508,
104.6311

■ 77.7405, 82.1055,
106.3583

■ 90.6693, 95.5128,
108.2648

■ 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.



27.4625, 34.3960, 94.7370



35.0642, 34.3960, 99.3987



43.2014, 34.3960, 82.9455

Triad

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



35.0642, 34.3960, 99.3987



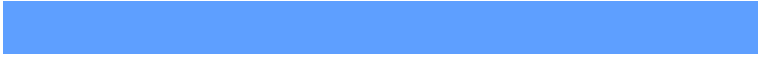
46.1025, 34.3960, 16.2200



20.4323, 34.3960, 23.7277

Complementary

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



35.0642, 34.3960, 99.3987



61.6756, 58.8980, 18.7094

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.



24.0428, 34.3960, 12.6546



35.0642, 34.3960, 99.3987



38.5473, 34.3960, 9.7010

Square

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



35.0642, 34.3960, 99.3987



50.2174, 34.3960, 31.2007



30.4300, 34.3960, 8.7312



19.8081, 34.3960, 44.4857

Rectangle

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



35.0642, 34.3960, 99.3987



47.5499, 34.3960, 65.0301



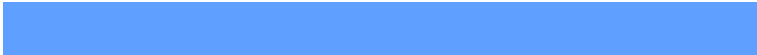
30.4300, 34.3960, 8.7312



21.3052, 34.3960, 19.0361

Sweetspot

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



35.0654, 34.3971, 99.3989



70.8828, 74.8730, 105.3238



49.4454, 77.5275, 59.8901



14.4968, 15.3066, 22.4404



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.



35.0654, 34.3971, 99.3989



29.2831, 26.8110, 98.2394



28.1680, 18.3791, 96.6706



17.6050, 18.5815, 22.9087



12.1001, 9.1097, 50.5552



1.2819, 1.0945, 4.9570

Inverse Universe

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



51.5016, 31.7702, 36.2196



47.6118, 26.4958, 27.1992



74.2561, 91.1320, 24.2682



18.3133, 18.1086, 20.2667



22.8957, 11.6476, 8.1014



2.2816, 1.1550, 1.0646

Previews

White Background



This preview shows how the XYZ color 35.0642, 34.3960, 99.3987 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 35.0642, 34.3960, 99.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

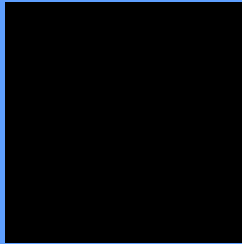
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

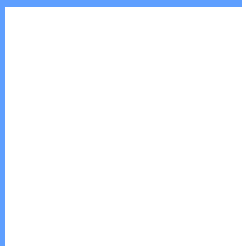
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0642, 34.3960, 99.3987

Background



This preview shows how black text looks on a background with the XYZ color 35.0642, 34.3960, 99.3987.



This preview shows how white text looks on a background with the XYZ color 35.0642, 34.3960,

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

35.0642, 34.3960, 99.3987

Protanopia

36.8533, 34.1412, 95.9143

Deuteranopia

35.4224, 34.3264, 99.3664



Tritanopia

25.6581, 34.3745, 52.2963

Trichromacy



Original Color

35.0642, 34.3960, 99.3987

Protanomaly

36.0147, 34.1847, 96.7956

Deuteranomaly

35.2066, 34.2151, 99.3563

Tritanomaly

28.4848, 34.0983, 67.3677

Monochromacy



Original Color

35.0642, 34.3960, 99.3987

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.9468, 31.5312, 52.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0642, 34.3960, 99.3987 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(94, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 159, 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(94, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.0642, 34.3960, 99.3987 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(94, 159, 255) }
```


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

```
.border{ border-color:rgb(94, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0642, 34.3960, 99.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 159, 255) }
```

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

```
.background{ background-color: rgb(94, 159,  
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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