

Converting Colors

XYZ(47.1041, 40.7542,
162.6403)

Have a look what the booklet for
XYZ(47.1041, 40.7542, 162.6403)
contains.

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Color

**XYZ(35.1613, 36.0151,
99.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	54A5FF
RGB	84, 165, 255
RGB Percent	33%, 65%, 100%
CMY	0.6705, 0.3529, 0.0000
CMYK	0.67, 0.35, 0.00, 0.00
HSL	212°, 100%, 66%
HSV	212°, 67%, 100%
XYZ	35.1613, 36.0151, 99.7061
YIQ	151.0410, -77.1660, 10.8180

Conversions

Conversions Part 2

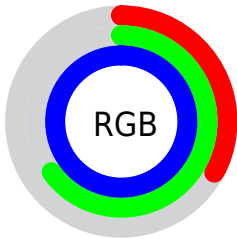
Format	Color
R _{YB}	84, 139, 255
Decimal	5547519
CIE Lab	66.53, 3.19, -51.92
CIE LCh	67, 52.018, 273.519
Yxy	36.0151, 0.2058, 0.2108
Android (android.graphics.Color)	4283737599 (0xFF54A5FF)
YUV	151.0410, 51.2518, -58.7950
Hunter-Lab	60.0126, -0.4391, -56.4968

Details

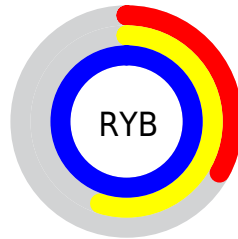
The XYZ color **35.1613, 36.0151, 99.7061** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **57.9784, 52.1757, 15.4048**, and the grayscale version is **29.2460, 30.7691, 33.5075**.

A 20% lighter version of the original color is **56.0376, 64.7960, 104.1611**, and **16.2104, 16.1118, 55.6816** is the 20% darker color. If you saturate the color by 10%, you get **30.9850, 30.4554, 98.8531**, and if you desaturate by 10%, it is **40.4244, 42.5132, 100.6830**.

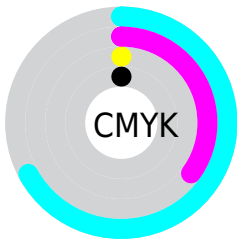
Distribution



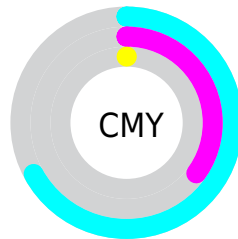
- Red (33%)
- Green (65%)
- Blue (100%)



- Red (33%)
- Yellow (55%)
- Blue (100%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1613, 36.0151, 99.7061 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 35.1613, 36.0151, 99.7061 by changing the saturation by 10% instead.

■ 35.1613, 36.0151,
99.7061

■ 35.1613, 36.0151,
99.7061

316.7753,
329.0265, 580.4886

■ 23.9542, 24.4459,
75.4396

■ 67.0679, 69.0554,
162.8016

■ 15.4242, 15.6647,
55.4692

■ 88.4983, 91.2952,
202.4677

■ 9.2059, 9.2872,
39.3764

■ 114.0670,
117.8607, 248.1040

■ 4.9339, 4.9290,
26.7426

■ 144.1396,
149.1362, 300.1291

■ 2.2429, 2.2057,
17.1492

179.0814,
185.5061, 358.9616

■ 0.7652, 0.7231,
10.1779

219.2577,

■ 0.0000, 0.0000,

227.3549, 425.0200

5.4099

265.0339,
275.0669, 498.7228

■ 0.0000, 0.0000,
2.4268

■ 0.0000, 0.0000,
0.8010

■ 35.1613, 36.0151,
99.7061

■ 35.1613, 36.0151,
99.7061

■ 30.9850, 30.4554,
98.8531

■ 40.4244, 42.5132,
100.6830

■ 27.7888, 25.7660,
98.1165

■ 46.8590, 50.0030,
101.7896

■ 25.4444, 21.8692,
97.4879

■ 54.5446, 58.5366,
103.0316

■ 24.8612, 20.8423,
97.3204

■ 63.5525, 68.1609,
104.4145

■ 73.9480, 78.9195,
105.9433

■ 85.7920, 90.8532,
107.6224

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.



27.9626, 36.0151, 91.6775



35.1613, 36.0151, 99.7061



43.2112, 36.0151, 87.1057

Triad

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



35.1613, 36.0151, 99.7061



48.3387, 36.0151, 19.9373



22.4728, 36.0151, 22.9940

Complementary

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



35.1613, 36.0151, 99.7061



57.9784, 52.1757, 15.4048

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.



26.5905, 36.0151, 13.1774



35.1613, 36.0151, 99.7061



41.3731, 36.0151, 11.9422

Square

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



35.1613, 36.0151, 99.7061



51.5133, 36.0151, 36.6333



33.3178, 36.0151, 10.0468



21.3243, 36.0151, 41.9138

Rectangle

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



35.1613, 36.0151, 99.7061



47.7805, 36.0151, 70.7437



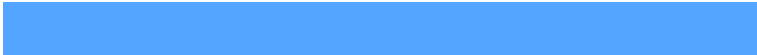
33.3178, 36.0151, 10.0468



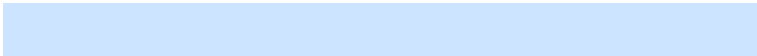
23.5212, 36.0151, 18.7998

Sweetspot

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



35.1626, 36.0162, 99.7063



70.7384, 75.6305, 105.4776



46.8976, 76.3975, 51.4832



14.5101, 15.5363, 22.4840



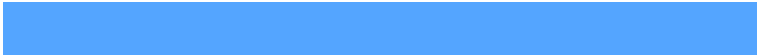
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.1626, 36.0162, 99.7063



29.9468, 28.9868, 98.6244



25.1386, 15.5818, 96.2904



17.7126, 18.7969, 22.9445



13.1375, 11.1845, 50.9010



1.3876, 1.3058, 4.9922

Inverse Universe

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



51.2028, 30.3190, 38.7516



47.7397, 25.7540, 30.3174



77.5599, 92.8838, 22.2302



18.3676, 18.1303, 20.5529



23.4194, 11.8570, 10.8589



2.3350, 1.1764, 1.3455

Previews

White Background



This preview shows how the XYZ color 35.1613, 36.0151, 99.7061 looks on a white background.

Color Contrast Check

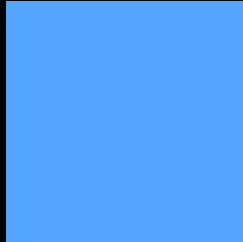
Large Text (above 18pt) WCAG AA × Fail

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 35.1613, 36.0151, 99.7061 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

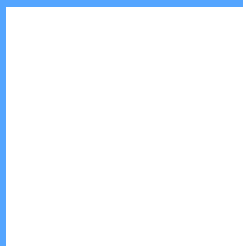
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1613, 36.0151, 99.7061

Background



This preview shows how black text looks on a background with the XYZ color 35.1613, 36.0151, 99.7061.



This preview shows how white text looks on a background with the XYZ color 35.1613, 36.0151,

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

35.1613, 36.0151, 99.7061

Protanopia

38.2278, 35.8825, 94.5337

Deuteranopia

36.9792, 35.8979, 99.5877



Tritanopia

26.3897, 36.1388, 55.4538

Trichromacy



Original Color

35.1613, 36.0151, 99.7061

Protanomaly

36.8395, 35.8995, 96.2544

Deuteranomaly

36.1159, 35.7133, 99.5976

Tritanomaly

28.8967, 35.6633, 69.6507

Monochromacy



Original Color

35.1613, 36.0151, 99.7061

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8262, 31.9631, 52.7416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1613, 36.0151, 99.7061 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(84, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 165, 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(84, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 165, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.1613, 36.0151, 99.7061 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(84, 165, 255) }
```


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

```
.border{ border-color:rgb(84, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 165,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1613, 36.0151, 99.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 165, 255) }
```

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

```
.background{ background-color: rgb(84, 165,  
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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