

Converting Colors

XYZ(35.5156, 39.4857,
105.4229)

Have a look what the booklet for
XYZ(35.5156, 39.4857, 105.4229)
contains.

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Color

**XYZ(34.5351, 39.0576,
100.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	25B1FF
RGB	37, 177, 255
RGB Percent	15%, 69%, 100%
CMY	0.8548, 0.3059, 0.0000
CMYK	0.85, 0.31, 0.00, 0.00
HSL	201°, 100%, 57%
HSV	201°, 85%, 100%
XYZ	34.5351, 39.0576, 100.3264
YIQ	144.0320, -108.4780, -5.4220

Conversions

Conversions Part 2

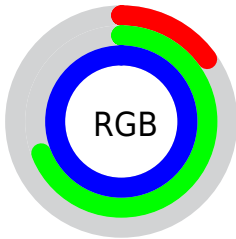
Format	Color
R _Y B	37, 122, 255
Decimal	2470399
CIE Lab	68.79, -8.70, -48.42
CIE LCh	69, 49.198, 259.816
Yxy	39.0576, 0.1986, 0.2246
Android (android.graphics.Color)	4280660479 (0xFF25B1FF)
YUV	144.0320, 54.7072, -93.8671
Hunter-Lab	62.4961, -10.7297, -51.4324

Details

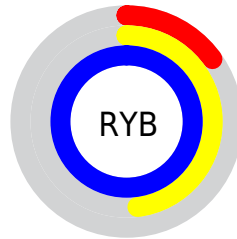
The XYZ color **34.5351, 39.0576, 100.3264** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **47.7079, 33.6609, 5.7352**, and the grayscale version is **26.3438, 27.7157, 30.1824**.

A 20% lighter version of the original color is **54.7918, 68.9982, 105.0379**, and **17.5267, 18.7444, 56.1204** is the 20% darker color. If you saturate the color by 10%, you get **32.1750, 35.2547, 99.7168**, and if you desaturate by 10%, it is **37.6554, 43.4324, 101.0064**.

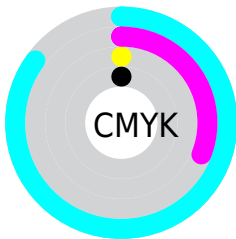
Distribution



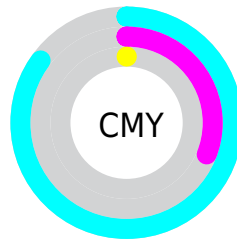
- Red (15%)
- Green (69%)
- Blue (100%)



- Red (15%)
- Yellow (48%)
- Blue (100%)



- Cyan (85%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5351, 39.0576, 100.3264 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 34.5351, 39.0576, 100.3264 by changing the saturation by 10% instead.

■ 34.5351, 39.0576,
100.3264

■ 34.5351, 39.0576,
100.3264

314.0556,
342.1353, 582.4943

■ 23.4698, 26.8045,
75.9548

■ 66.1037, 73.7263,
163.6614

■ 15.0634, 17.4265,
55.8890

■ 87.3378, 96.9107,
203.4619

■ 8.9505, 10.5390,
39.7105

■ 112.6921,
124.5077, 249.2424

■ 4.7658, 5.7578,
27.0008

■ 142.5321,
156.9017, 301.4215

■ 2.1438, 2.6984,
17.3414

■ 177.2230,
194.4771, 360.4177

■ 0.7129, 0.9764,
10.3137

217.1304,

■ 0.0000, 0.0000,

237.6182, 426.6495

5.4991

262.6195,
286.7095, 500.5355

■ 0.0000, 0.0000,
2.4792

■ 0.0000, 0.0000,
0.8291

■ 34.5351, 39.0576,
100.3264

■ 34.5351, 39.0576,
100.3264

■ 32.1750, 35.2547,
99.7168

■ 37.6554, 43.4324,
101.0064

■ 31.2812, 33.6824,
99.4604

■ 41.6485, 48.4390,
101.7623

■ 46.6104, 54.1305,
102.5993

■ 52.6224, 60.5522,
103.5220

■ 59.7566, 67.7442,
104.5342

■ 68.0783, 75.7434,
105.6396

■ 77.6477, 84.5837,
106.8416

■ 88.5204, 94.2967,
108.1433

■ 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.



28.2659, 39.0576, 84.4832



34.5351, 39.0576, 100.3264



42.4406, 39.0576, 97.0559

Triad

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



34.5351, 39.0576, 100.3264



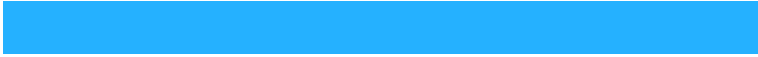
53.0881, 39.0576, 29.5696



26.8075, 39.0576, 20.4043

Complementary

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



34.5351, 39.0576, 100.3264



47.7079, 33.6609, 5.7352

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.



32.2694, 39.0576, 13.5738



34.5351, 39.0576, 100.3264



47.6605, 39.0576, 17.4367

Square

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



34.5351, 39.0576, 100.3264



53.9194, 39.0576, 50.5787



39.8372, 39.0576, 12.7208



24.2365, 39.0576, 35.3788

Rectangle

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



34.5351, 39.0576, 100.3264



47.5736, 39.0576, 84.7633



39.8372, 39.0576, 12.7208



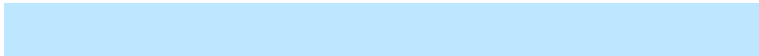
28.3274, 39.0576, 17.3392

Sweetspot

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



34.5364, 39.0588, 100.3266



67.6150, 75.3067, 105.5797



39.5225, 73.1132, 27.7459



13.8306, 15.5089, 22.5145



0.0000, 0.0000, 0.0000



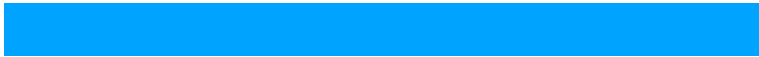
20.3446, 21.4041, 23.3091

Same Dimension

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



34.5364, 39.0588, 100.3266



31.2812, 33.6824, 99.4604



20.9868, 11.9595, 95.8100



17.9761, 19.3237, 23.0324



16.4915, 17.8925, 52.0190



1.7091, 1.9489, 5.0994

Inverse Universe

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



49.8384, 25.7592, 43.9412



47.9185, 23.9314, 37.0985



67.7765, 73.7979, 12.4247



18.5006, 18.1835, 21.2531



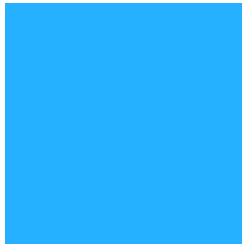
25.1123, 12.5342, 19.7738



2.4973, 1.2413, 2.2001

Previews

White Background



This preview shows how the XYZ color 34.5351, 39.0576, 100.3264 looks on a white background.

Color Contrast Check

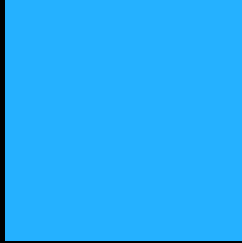
Large Text (above 18pt) WCAG AA × Fail

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 34.5351, 39.0576, 100.3264 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

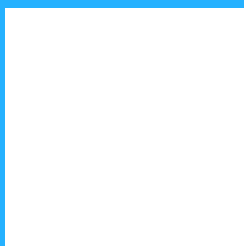
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5351, 39.0576, 100.3264

Background



This preview shows how black text looks on a background with the XYZ color 34.5351, 39.0576, 100.3264.



This preview shows how white text looks on a background with the XYZ color 34.5351, 39.0576,

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

34.5351, 39.0576, 100.3264

Protanopia

40.4198, 38.6580, 90.9193

Deuteranopia

39.7123, 38.6300, 99.9710



Tritanopia

27.6578, 38.8214, 60.0684

Trichromacy



Original Color

34.5351, 39.0576, 100.3264

Protanomaly

36.7248, 38.0368, 94.2132

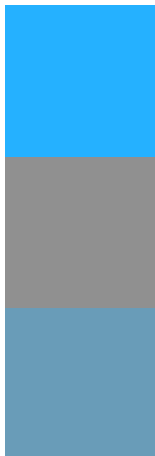
Deuteranomaly

36.7391, 38.1936, 100.0435

Tritanomaly

29.6801, 38.6559, 72.9149

Monochromacy



Original Color

34.5351, 39.0576, 100.3264

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3659, 30.2409, 49.7948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5351, 39.0576, 100.3264 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(37, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(37, 177, 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(37, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.5351, 39.0576, 100.3264 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(37, 177, 255) }
```


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

```
.border{ border-color:rgb(37, 177, 255) }
```

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

Here you see how a box with a 4 pixel rgb(37, 177, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(37, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5351, 39.0576, 100.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 177, 255) }
```

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

```
.background{ background-color: rgb(37, 177,  
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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