

Converting Colors

XYZ(35.5531, 37.1121, 99.8973)

Have a look what the booklet for
XYZ(35.5531, 37.1121, 99.8973)
contains.

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Color

**XYZ(35.5323, 37.0191,
99.8804)**

Conversions

Conversions Part 1

Format	Color
Hex	52A8FF
RGB	82, 168, 255
RGB Percent	32%, 66%, 100%
CMY	0.6784, 0.3412, 0.0000
CMYK	0.68, 0.34, 0.00, 0.00
HSL	210°, 100%, 66%
HSV	210°, 68%, 100%
XYZ	35.5323, 37.0191, 99.8804
YIQ	152.2040, -79.1830, 8.8250

Conversions

Conversions Part 2

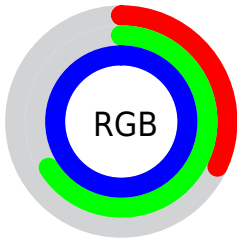
Format	Color
R _Y B	82, 139, 255
Decimal	5417215
CIE Lab	67.29, 1.18, -50.72
CIE LCh	67, 50.736, 271.328
Yxy	37.0191, 0.2061, 0.2147
Android (android.graphics.Color)	4283607295 (0xFF52A8FF)
YUV	152.2040, 50.6784, -61.5689
Hunter-Lab	60.8433, -2.2324, -54.7401

Details

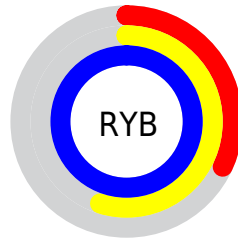
The XYZ color **35.5323, 37.0191, 99.8804** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **56.9530, 50.2485, 14.6819**, and the grayscale version is **29.7473, 31.2965, 34.0819**.

A 20% lighter version of the original color is **56.4703, 66.1984, 104.4090**, and **16.4384, 16.5680, 55.7576** is the 20% darker color. If you saturate the color by 10%, you get **31.4605, 31.5774, 99.0446**, and if you desaturate by 10%, it is **40.6635, 43.3546, 100.8328**.

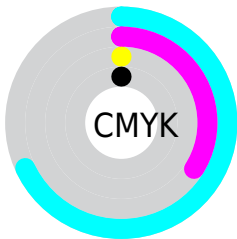
Distribution



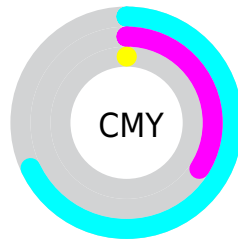
- Red (32%)
- Green (66%)
- Blue (100%)



- Red (32%)
- Yellow (55%)
- Blue (100%)



- Cyan (68%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5323, 37.0191, 99.8804 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 35.5323, 37.0191, 99.8804 by changing the saturation by 10% instead.

■ 35.5323, 37.0191,
99.8804

■ 35.5323, 37.0191,
99.8804

318.3787,
333.3932, 581.0526

■ 24.2416, 25.2223,
75.5843

■ 67.6382, 70.6022,
163.0433

■ 15.6387, 16.2427,
55.5871

■ 89.1841, 93.1572,
202.7471

■ 9.3580, 9.6961,
39.4702

■ 114.8791,
120.0671, 248.4240

■ 5.0344, 5.1979,
26.8151

■ 145.0887,
151.7162, 300.4925

■ 2.3024, 2.3639,
17.2032

180.1780,
188.4890, 359.3710

■ 0.7959, 0.8072,
10.2160

220.5126,

■ 0.0000, 0.0000,

230.7698, 425.4782

5.4349

266.4577,
278.9431, 499.2325

■ 0.0000, 0.0000,
2.4415

■ 0.0000, 0.0000,
0.8089

■ 35.5323, 37.0191,
99.8804

■ 35.5323, 37.0191,
99.8804

■ 31.4605, 31.5774,
99.0446

■ 40.6635, 43.3546,
100.8328

■ 28.3411, 26.9628,
98.3184

■ 46.9386, 50.6355,
101.9074

■ 26.0391, 23.0959,
97.6933

■ 54.4369, 58.9124,
103.1098

■ 25.6081, 22.3363,
97.5694

■ 63.2292, 68.2307,
104.4450

■ 73.3804, 78.6323,
105.9177

■ 84.9508, 90.1568,
107.5324

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.



28.5025, 37.0191, 90.6109



35.5323, 37.0191, 99.8804



43.5254, 37.0191, 88.9229

Triad

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



35.5323, 37.0191, 99.8804



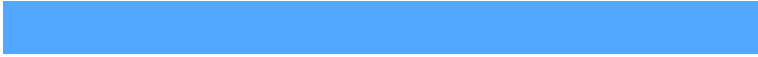
49.5283, 37.0191, 21.9253



23.6531, 37.0191, 23.0877

Complementary

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



35.5323, 37.0191, 99.8804



56.9530, 50.2485, 14.6819

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.



27.9855, 37.0191, 13.7194



35.5323, 37.0191, 99.8804



42.8392, 37.0191, 13.2425

Square

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



35.5323, 37.0191, 99.8804



52.3052, 37.0191, 39.3257



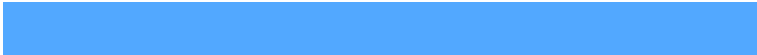
34.8411, 37.0191, 10.9063



22.2799, 37.0191, 41.3055

Rectangle

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



35.5323, 37.0191, 99.8804



48.1643, 37.0191, 73.3305



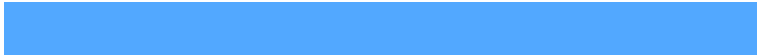
34.8411, 37.0191, 10.9063



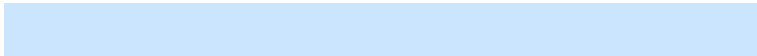
24.7768, 37.0191, 19.0716

Sweetspot

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



35.5336, 37.0203, 99.8805



71.0685, 76.2908, 105.5876



46.3557, 76.1603, 49.5503



14.5890, 15.6941, 22.5103



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.



35.5336, 37.0203, 99.8805



30.3768, 30.0325, 98.8036



24.5487, 15.0505, 96.2189



17.7489, 18.8694, 22.9566



13.5299, 11.9694, 51.0318



1.4265, 1.3837, 5.0052

Inverse Universe

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



51.3261, 30.1234, 40.1559



47.9114, 25.6493, 31.7566



78.5234, 93.3894, 21.8721



18.3859, 18.1377, 20.6493



23.6175, 11.9363, 11.9020



2.3546, 1.1842, 1.4490

Previews

White Background



This preview shows how the XYZ color 35.5323, 37.0191, 99.8804 looks on a white background.

Color Contrast Check

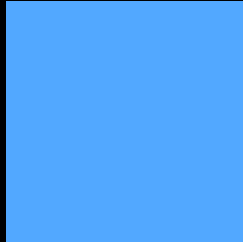
Large Text (above 18pt) WCAG AA × Fail

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 35.5323, 37.0191, 99.8804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

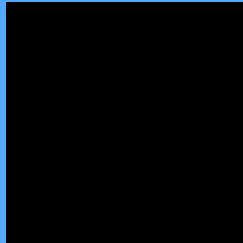
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

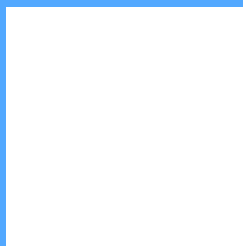
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5323, 37.0191, 99.8804

Background



This preview shows how black text looks on a background with the XYZ color 35.5323, 37.0191, 99.8804.

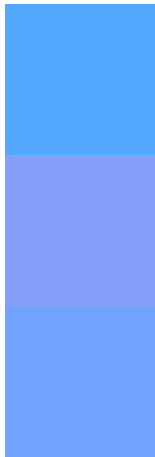


This preview shows how white text looks on a background with the XYZ color 35.5323, 37.0191,

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

35.5323, 37.0191, 99.8804

Protanopia

39.0298, 36.8245, 93.8577

Deuteranopia

37.9572, 36.9251, 99.7344



Tritanopia

27.0467, 37.0338, 57.3525

Trichromacy



Original Color

35.5323, 37.0191, 99.8804

Protanomaly

37.4492, 36.7368, 96.3839

Deuteranomaly

36.9846, 36.9550, 99.7915

Tritanomaly

29.6253, 36.8726, 71.2014

Monochromacy



Original Color

35.5323, 37.0191, 99.8804

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1646, 32.6399, 52.8544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5323, 37.0191, 99.8804 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(82, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 168, 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(82, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 168, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.5323, 37.0191, 99.8804 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(82, 168, 255) }
```


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

```
.border{ border-color:rgb(82, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 168,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5323, 37.0191, 99.8804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 168, 255) }
```

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

```
.background{ background-color: rgb(82, 168,  
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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