

Converting Colors

XYZ(25.0925, 34.2596, 98.3996)

Have a look what the booklet for
XYZ(25.0925, 34.2596, 98.3996)
contains.

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Color

**XYZ(33.4518, 38.5361,
98.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1FD
RGB	0, 177, 253
RGB Percent	0%, 69%, 99%
CMY	0.9997, 0.3059, 0.0078
CMYK	1.00, 0.30, 0.00, 0.01
HSL	198°, 100%, 50%
HSV	198°, 100%, 99%
XYZ	33.4518, 38.5361, 98.6036
YIQ	132.7410, -129.8880, -13.8880

Conversions

Conversions Part 2

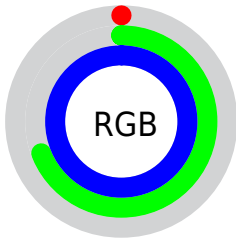
Format	Color
R _{YB}	0, 104, 253
Decimal	45565
CIE _{Lab}	68.41, -10.83, -47.96
CIE _{LCh}	68, 49.165, 257.269
Y _{xy}	38.5361, 0.1961, 0.2259
Android (android.graphics.Color)	4278235645 (0xFF00B1FD)
YUV	132.7410, 59.2877, -116.4139
Hunter-Lab	62.0775, -12.4469, -50.7218

Details

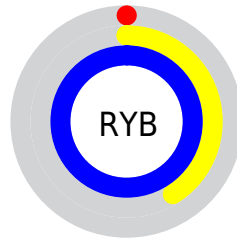
The XYZ color **33.4518, 38.5361, 98.6036** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **43.0988, 26.0629, 2.7614**, and the grayscale version is **22.0348, 23.1824, 25.2456**.

A 20% lighter version of the original color is **53.5887, 68.3780, 104.9816**, and **17.2974, 18.6528, 54.9132** is the 20% darker color. If you saturate the color by 10%, you get **33.4474, 38.5272, 98.6029**, and if you desaturate by 10%, it is **35.4064, 41.8359, 99.1383**.

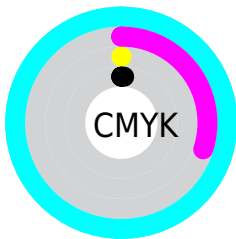
Distribution



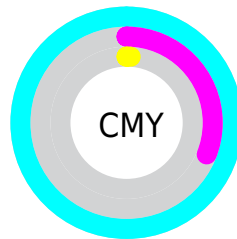
- Red (0%)
- Green (69%)
- Blue (99%)



- Red (0%)
- Yellow (41%)
- Blue (99%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (31%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4518, 38.5361, 98.6036 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 33.4518, 38.5361, 98.6036 by changing the saturation by 10% instead.


 33.4518, 38.5361,
98.6036


 33.4518, 38.5361,
98.6036


309.3098,
339.9141, 576.9147

 22.6337, 26.3990,
74.5245


 64.4302, 72.9291,
161.2720

 14.4424, 17.1224,
54.7240


 85.3212, 95.9538,
200.6983


 8.5128, 10.3218,
38.7837


 110.3006,
123.3766, 246.0775

 4.4793, 5.6128,
26.2850

 139.7336,
155.5817, 297.8281

 1.9767, 2.6111,
16.8093

 173.9857,
192.9536, 356.3685

 0.6208, 0.9323,
9.9381

213.4222,

 0.0000, 0.0000,

235.8767, 422.1174

5.2529

258.4084,
284.7354, 495.4933

■ 0.0000, 0.0000,
2.3351

■ 0.0000, 0.0000,
0.7508

■ 33.4518, 38.5361,
98.6036

■ 33.4518, 38.5361,
98.6036

■ 33.4474, 38.5272,
98.6029

■ 35.4064, 41.8359,
99.1383

■ 37.9740, 45.5774,
99.7252

■ 41.3188, 49.8476,
100.3731

■ 45.5407, 54.7000,
101.0872

■ 50.7238, 60.1796,
101.8717

■ 56.9416, 66.3262,
102.7304

■ 64.2602, 73.1755,
103.6667

■ 72.7398, 80.7604,
104.6838

■ 82.4360, 89.1112,
105.7847

Harmonies

Analogous

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



27.4480, 38.5361, 81.5850



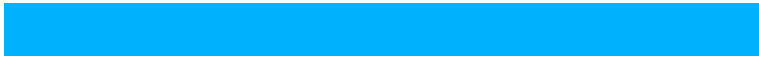
33.4518, 38.5361, 98.6036



41.2141, 38.5361, 97.0715

Triad

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



33.4518, 38.5361, 98.6036



52.7138, 38.5361, 30.5599



26.7679, 38.5361, 19.2140

Complementary

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



33.4518, 38.5361, 98.6036



43.0988, 26.0629, 2.7614

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.



32.3943, 38.5361, 13.0439



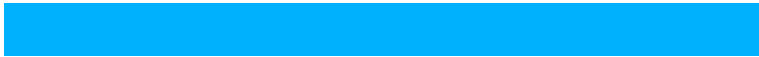
33.4518, 38.5361, 98.6036



47.6543, 38.5361, 17.8341

Square

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



33.4518, 38.5361, 98.6036



53.1025, 38.5361, 52.0452



39.9979, 38.5361, 12.6481



23.9699, 38.5361, 33.2686

Rectangle

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



33.4518, 38.5361, 98.6036



46.3741, 38.5361, 85.7106



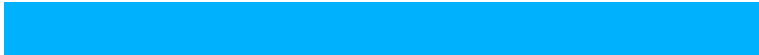
39.9979, 38.5361, 12.6481



28.3520, 38.5361, 16.4017

Sweetspot

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



33.4533, 38.5374, 98.6046



65.3852, 74.4646, 105.5347



36.4296, 70.7729, 18.5701



13.2928, 15.2901, 22.5006



0.0000, 0.0000, 0.0000



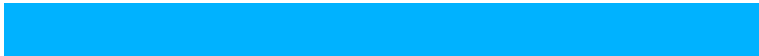
20.3446, 21.4041, 23.3091

Same Dimension

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



33.4533, 38.5374, 98.6046



34.0452, 39.2105, 100.3817



18.9000, 9.4309, 93.7535



18.0671, 19.5057, 23.0627



17.9265, 20.7625, 52.4973



1.8413, 2.2133, 5.1434

Inverse Universe

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



48.4452, 24.0590, 43.6863



49.3137, 24.4895, 44.4453



61.7273, 63.3200, 8.9709



18.5465, 18.2019, 21.4950



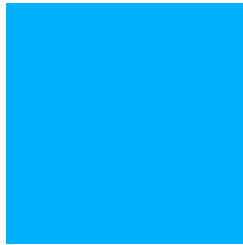
25.8367, 12.8240, 23.5881



2.5640, 1.2680, 2.5514

Previews

White Background



This preview shows how the XYZ color 33.4518, 38.5361, 98.6036 looks on a white background.

Color Contrast Check

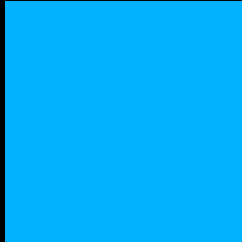
Large Text (above 18pt) WCAG AA × Fail

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 33.4518, 38.5361, 98.6036 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

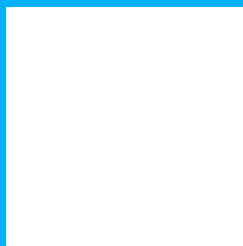
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.4518, 38.5361, 98.6036

Background



This preview shows how black text looks on a background with the XYZ color 33.4518, 38.5361, 98.6036.

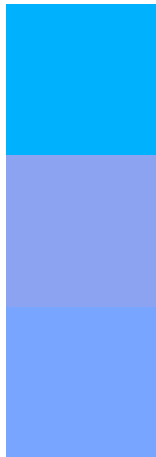


This preview shows how white text looks on a background with the XYZ color 33.4518, 38.5361,

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

33.4518, 38.5361, 98.6036

Protanopia

39.7896, 38.1207, 88.4800

Deuteranopia

39.2509, 38.1233, 99.8975

Trichromacy



Original Color

33.4518, 38.5361, 98.6036

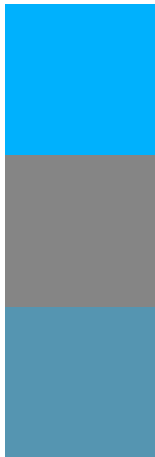
Protanomaly

34.6039, 36.7217, 91.6504

Deuteranomaly

35.0579, 37.0682, 99.0731

Monochromacy



Original Color

33.4518, 38.5361, 98.6036

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.4296, 26.6005, 45.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4518, 38.5361, 98.6036 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(0, 177, 253)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 253)  
}
```

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(0, 177, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 253) }
```

Border

The CSS property to change the border of an element to XYZ 33.4518, 38.5361, 98.6036 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(0, 177, 253) }
```

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

```
.border{ border-color:rgb(0, 177, 253) }
```

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

Here you see how a box with a 4 pixel rgb(0, 177, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 253);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
253) }
```


Background

The CSS property to change the background color of an element to XYZ 33.4518, 38.5361, 98.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 253) }
```

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

```
.background{ background-color: rgb(0, 177,  
253) }
```

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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