

Converting Colors

XYZ(33.1532, 33.5206, 94.3453)

Have a look what the booklet for
XYZ(33.1532, 33.5206, 94.3453)
contains.

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Color

**XYZ(33.1532, 33.5206,
94.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	549FF9
RGB	84, 159, 249
RGB Percent	33%, 62%, 98%
CMY	0.6705, 0.3765, 0.0235
CMYK	0.66, 0.36, 0.00, 0.02
HSL	213°, 93%, 65%
HSV	213°, 66%, 98%
XYZ	33.1532, 33.5206, 94.3453
YIQ	146.8350, -73.5900, 12.0900

Conversions

Conversions Part 2

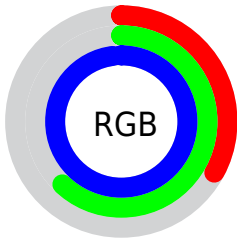
Format	Color
R_{YB}	84, 136, 249
Decimal	5545977
CIE _{Lab}	64.58, 4.64, -51.74
CIE _{LCh}	65, 51.946, 275.120
Yxy	33.5206, 0.2059, 0.2082
Android (android.graphics.Color)	4283736057 (0xFF549FF9)
YUV	146.8350, 50.3673, -55.1063
Hunter-Lab	57.8970, 0.8937, -56.0874

Details

The XYZ color **33.1532, 33.5206, 94.3453** 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 **55.8058, 51.0560, 15.3032**, and the grayscale version is **27.4871, 28.9186, 31.4924**.

A 20% lighter version of the original color is **54.0570, 61.1044, 103.5530**, and **14.8770, 14.5309, 51.8898** is the 20% darker color. If you saturate the color by 10%, you get **29.0987, 28.1519, 93.5234**, and if you desaturate by 10%, it is **38.2586, 39.8130, 95.2915**.

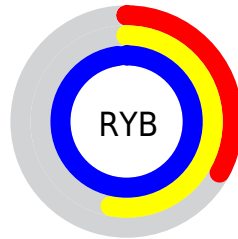
Distribution



Red (33%)

Green (62%)

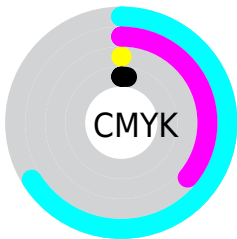
Blue (98%)



Red (33%)

Yellow (53%)

Blue (98%)

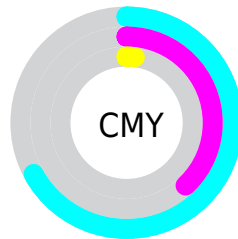


Cyan (66%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (67%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1532, 33.5206, 94.3453 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 33.1532, 33.5206, 94.3453 by changing the saturation by 10% instead.

■ 33.1532, 33.5206,
94.3453

■ 33.1532, 33.5206,
94.3453

307.9923,
317.9891, 562.9976

■ 22.4036, 22.5256,
70.9963

■ 63.9677, 65.1875,
155.3476

■ 14.2720, 14.2436,
51.8574

■ 84.7634, 86.6281,
193.8380

■ 8.3931, 8.2903,
36.5099

■ 109.6384,
112.3193, 238.2126

■ 4.4014, 4.2812,
24.5355

■ 138.9583,
142.6456, 288.8899

■ 1.9316, 1.8321,
15.5155

173.0882,
177.9914, 346.2885

■ 0.5951, 0.5071,
9.0313

212.3936,

■ 0.0000, 0.0000,

218.7409, 410.8270

4.6645

257.2399,
265.2787, 482.9239

■ 0.0000, 0.0000,
1.9965

■ 0.0000, 0.0000,
0.5531

■ 33.1532, 33.5206,
94.3453

■ 33.1532, 33.5206,
94.3453

■ 29.0987, 28.1519,
93.5234

■ 38.2586, 39.8130,
95.2915

■ 25.9948, 23.6415,
92.8164

■ 44.4944, 47.0805,
96.3656

■ 23.7239, 19.9164,
92.2171

■ 51.9360, 55.3735,
97.5741

■ 23.0237, 18.6890,
92.0171

■ 60.6509, 64.7375,
98.9222

■ 70.7010, 75.2150,
100.4149

■ 82.1442, 86.8456,
102.0567

■ 93.8060, 99.0337,
103.7945

■ 94.0990, 99.6196,
103.8922

Harmonies

Analogous

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



26.2167, 33.5206, 87.6610



33.1532, 33.5206, 94.3453



40.8121, 33.5206, 81.2701

Triad

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



33.1532, 33.5206, 94.3453



45.0416, 33.5206, 17.6487



20.5719, 33.5206, 21.8415

Complementary

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



33.1532, 33.5206, 94.3453



55.8058, 51.0560, 15.3032

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.



24.3238, 33.5206, 12.2087



33.1532, 33.5206, 94.3453



38.2608, 33.5206, 10.5314

Square

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



33.1532, 33.5206, 94.3453



48.3246, 33.5206, 32.9651



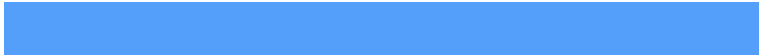
30.6015, 33.5206, 9.0221



19.6379, 33.5206, 40.2752

Rectangle

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



33.1532, 33.5206, 94.3453



45.0850, 33.5206, 65.2726



30.6015, 33.5206, 9.0221



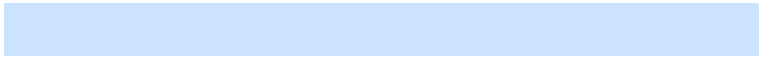
21.5133, 33.5206, 17.7355

Sweetspot

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



33.1545, 33.5217, 94.3462



70.4703, 75.0943, 105.3882



44.9800, 72.6160, 50.6780



14.4461, 15.4083, 22.4627



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.



33.1545, 33.5217, 94.3462



29.3464, 27.7861, 98.4243



24.4391, 15.3311, 91.2944



16.9329, 17.9426, 21.9561



12.4620, 10.2796, 49.3009



1.2586, 1.1609, 4.6009

Inverse Universe

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



48.4965, 28.9854, 35.8403



47.4366, 25.6328, 28.7216



72.6120, 87.5361, 21.4588



17.5726, 17.3564, 19.6053



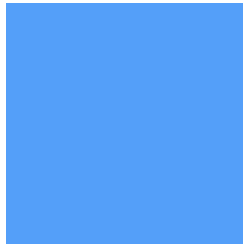
22.5823, 11.4486, 9.7746



2.1442, 1.0814, 1.1829

Previews

White Background



This preview shows how the XYZ color 33.1532, 33.5206, 94.3453 looks on a white background.

Color Contrast Check

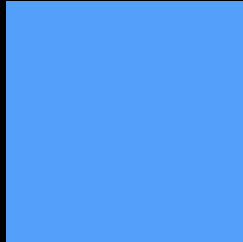
Large Text (above 18pt) WCAG AA × Fail

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 33.1532, 33.5206, 94.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

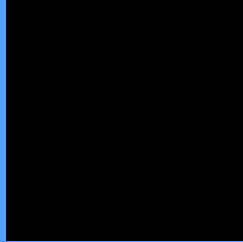
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

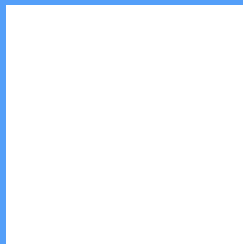
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1532, 33.5206, 94.3453

Background



This preview shows how black text looks on a background with the XYZ color 33.1532, 33.5206, 94.3453.



This preview shows how white text looks on a background with the XYZ color 33.1532, 33.5206,

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

33.1532, 33.5206, 94.3453

Protanopia

35.5949, 33.3911, 89.3631

Deuteranopia

34.5106, 33.4458, 95.0793



Tritanopia

24.6542, 33.5857, 51.6377

Trichromacy



Original Color

33.1532, 33.5206, 94.3453

Protanomaly

34.3871, 33.2234, 90.9866

Deuteranomaly

34.0316, 33.4490, 95.1051

Tritanomaly

27.1310, 33.1707, 65.2942

Monochromacy



Original Color

33.1532, 33.5206, 94.3453

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0305, 29.8790, 49.6373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1532, 33.5206, 94.3453 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, 159, 249)` looks like.

```
.text, #text, p{  
    color:rgb(84, 159, 249)  
}
```

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, 159, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 159, 249) }
```

Border

The CSS property to change the border of an element to XYZ 33.1532, 33.5206, 94.3453 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, 159, 249) }
```


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

```
.border{ border-color:rgb(84, 159, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 159, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 159, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 159, 249);  
box-shadow:4px 4px 4px 4px rgb(84, 159,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1532, 33.5206, 94.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 159, 249) }
```

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

```
.background{ background-color: rgb(84, 159,  
249) }
```

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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