

Converting Colors

XYZ(34.9386, 32.8848, 93.3154)

Have a look what the booklet for
XYZ(34.9386, 32.8848, 93.3154)
contains.

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Color

**XYZ(35.0166, 33.0045,
93.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	7099F8
RGB	112, 153, 248
RGB Percent	44%, 60%, 97%
CMY	0.5608, 0.4000, 0.0274
CMYK	0.55, 0.38, 0.00, 0.03
HSL	222°, 91%, 71%
HSV	222°, 55%, 97%
XYZ	35.0166, 33.0045, 93.3319
YIQ	151.5710, -54.9310, 20.8530

Conversions

Conversions Part 2

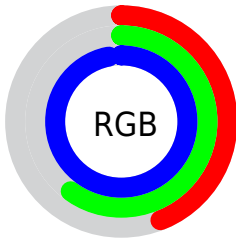
Format	Color
RYB	112, 144, 248
Decimal	7379448
CIELab	64.16, 12.90, -51.77
CIELCh	64, 53.354, 283.994
Yxy	33.0045, 0.2170, 0.2045
Android (android.graphics.Color)	4285569528 (0xFF7099F8)
YUV	151.5710, 47.5395, -34.7038
Hunter-Lab	57.4495, 8.2625, -56.1072

Details

The XYZ color **35.0166, 33.0045, 93.3319** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **63.9509, 65.7550, 24.6526**, and the grayscale version is **29.4806, 31.0159, 33.7763**.

A 20% lighter version of the original color is **57.1574, 60.5036, 103.2736**, and **15.3809, 14.0429, 51.1901** is the 20% darker color. If you saturate the color by 10%, you get **29.6520, 26.3312, 92.3273**, and if you desaturate by 10%, it is **41.6642, 40.9512, 94.5161**.

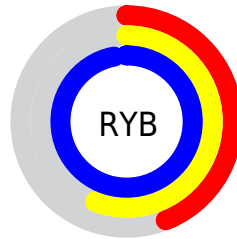
Distribution



Red (44%)

Green (60%)

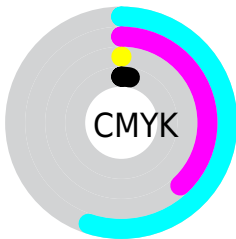
Blue (97%)



Red (44%)

Yellow (56%)

Blue (97%)

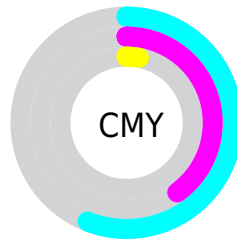


Cyan (55%)

Magenta (38%)

Yellow (0%)

Black (3%)



Cyan (56%)

Magenta (40%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0166, 33.0045, 93.3319 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 35.0166, 33.0045, 93.3319 by changing the saturation by 10% instead.

■ 35.0166, 33.0045,
93.3319

■ 35.0166, 33.0045,
93.3319

316.1483,
315.6700, 559.6582

■ 23.8422, 22.1299,
70.1582

■ 66.8453, 64.3826,
153.9337

■ 15.3407, 13.9524,
51.1779

■ 88.2304, 85.6548,
192.1989

■ 9.1467, 8.0875,
35.9725

■ 113.7498,
111.1617, 236.3317

■ 4.8949, 4.1510,
24.1234

143.7688,
141.2877, 286.7506

■ 2.2198, 1.7584,
15.2122

178.6528,
176.4171, 343.8741

■ 0.7532, 0.4610,
8.8202

218.7671,

■ 0.0000, 0.0000,

216.9343, 408.1209

4.5289

264.4772,
263.2239, 479.9094

■ 0.0000, 0.0000,
1.9197

■ 0.0000, 0.0000,
0.5052

■ 35.0166, 33.0045,
93.3319

■ 35.0166, 33.0045,
93.3319

■ 29.6520, 26.3312,
92.3273

■ 41.6642, 40.9512,
94.5161

■ 25.4758, 20.8550,
91.4903

■ 49.6725, 50.2348,
95.8859

■ 22.3848, 16.4951,
90.8117

■ 59.1173, 60.9179,
97.4502

■ 20.2540, 13.1565,
90.2796

■ 70.0673, 73.0581,
99.2163

■ 19.4432, 11.7769,
90.0561

■ 82.5869, 86.7096,
101.1915

■ 93.9434, 99.5574,
103.0728

Harmonies

Analogous

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



27.5311, 33.0045, 92.6191



35.0166, 33.0045, 93.3319



42.5842, 33.0045, 74.9600

Triad

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



35.0166, 33.0045, 93.3319



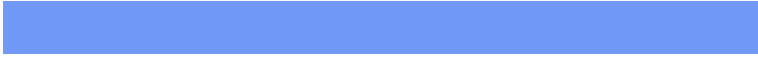
43.0281, 33.0045, 14.0878



19.3724, 33.0045, 25.6391

Complementary

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



35.0166, 33.0045, 93.3319



63.9509, 65.7550, 24.6526

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.



22.3204, 33.0045, 13.5416



35.0166, 33.0045, 93.3319



35.5497, 33.0045, 8.9406

Square

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



35.0166, 33.0045, 93.3319



47.6879, 33.0045, 26.7827



27.9854, 33.0045, 8.7918



19.2768, 33.0045, 46.9687

Rectangle

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



35.0166, 33.0045, 93.3319



46.3260, 33.0045, 57.4465



27.9854, 33.0045, 8.7918



20.0383, 33.0045, 20.6031

Sweetspot

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



35.0179, 33.0056, 93.3327



73.1722, 76.2108, 105.4613



51.2623, 74.9852, 69.4889



15.1270, 15.7221, 22.4873



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.



35.0179, 33.0056, 93.3327



30.9600, 27.2467, 98.2351



33.0448, 23.6804, 91.6368



16.7096, 17.4960, 21.8817



10.6101, 6.5758, 48.6836



1.0714, 0.7864, 4.5385

Inverse Universe

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



50.2565, 33.8464, 34.0220



49.1705, 29.8465, 26.9997



66.9452, 84.0042, 28.0172



17.4599, 17.3113, 19.0118



21.6475, 11.0747, 4.8523



2.0497, 1.0436, 0.6851

Previews

White Background



This preview shows how the XYZ color 35.0166, 33.0045, 93.3319 looks on a white background.

Color Contrast Check

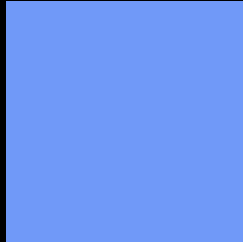
Large Text (above 18pt) WCAG AA × Fail

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 35.0166, 33.0045, 93.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

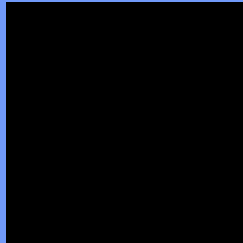
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0166, 33.0045, 93.3319

Background



This preview shows how black text looks on a background with the XYZ color 35.0166, 33.0045, 93.3319.



This preview shows how white text looks on a background with the XYZ color 35.0166, 33.0045,

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

35.0166, 33.0045, 93.3319

Protanopia

35.6245, 33.0938, 92.5058

Deuteranopia

33.9893, 32.9829, 92.5706



Tritanopia

26.0897, 32.9999, 48.7106

Trichromacy



Original Color

35.0166, 33.0045, 93.3319

Protanomaly

35.2192, 32.8849, 92.4869

Deuteranomaly

34.2880, 32.8908, 92.5371

Tritanomaly

28.7636, 32.7352, 62.5601

Monochromacy



Original Color

35.0166, 33.0045, 93.3319

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.5144, 31.3627, 51.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0166, 33.0045, 93.3319 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(112, 153, 248)` looks like.

```
.text, #text, p{  
    color:rgb(112, 153, 248)  
}
```

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(112, 153, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 153, 248) }
```

Border

The CSS property to change the border of an element to XYZ 35.0166, 33.0045, 93.3319 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(112, 153, 248) }
```


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

```
.border{ border-color:rgb(112, 153, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 153, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 153, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 153, 248);  
box-shadow:4px 4px 4px 4px rgb(112, 153,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0166, 33.0045, 93.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 153, 248) }
```

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

```
.background{ background-color: rgb(112,  
153, 248) }
```

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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