

Converting Colors

XYZ(38.5521, 33.6733, 91.6565)

Have a look what the booklet for
XYZ(38.5521, 33.6733, 91.6565)
contains.

XYZ(38.5521, 33.6733, 91.6565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.5521, 33.6733,
91.6565)**

Conversions

Conversions Part 1

Format	Color
Hex	8F94F6
RGB	143, 148, 246
RGB Percent	56%, 58%, 96%
CMY	0.4392, 0.4196, 0.0353
CMYK	0.42, 0.40, 0.00, 0.04
HSL	237°, 85%, 76%
HSV	237°, 42%, 96%
XYZ	38.5521, 33.6733, 91.6565
YIQ	157.6770, -34.4380, 29.4180

Conversions

Conversions Part 2

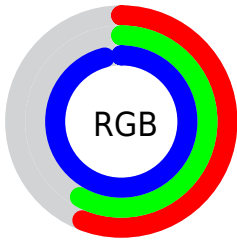
Format	Color
R _Y B	143, 148, 246
Decimal	9409782
CIE Lab	64.70, 22.26, -49.70
CIE LCh	65, 54.458, 294.130
Yxy	33.6733, 0.2352, 0.2055
Android (android.graphics.Color)	4287599862 (0xFF8F94F6)
YUV	157.6770, 43.5432, -12.8717
Hunter-Lab	58.0287, 17.0385, -53.0286

Details

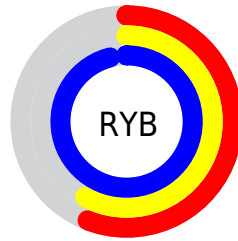
The XYZ color **38.5521, 33.6733, 91.6565** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.4205, 84.4882, 38.3737**, and the grayscale version is **32.1748, 33.8503, 36.8630**.

A 20% lighter version of the original color is **62.9899, 61.7404, 103.2049**, and **17.3907, 14.3879, 50.0047** is the 20% darker color. If you saturate the color by 10%, you get **31.4435, 25.0990, 90.3768**, and if you desaturate by 10%, it is **47.3392, 44.2158, 93.2289**.

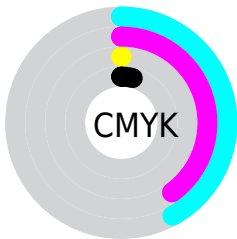
Distribution



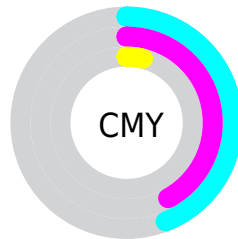
- Red (56%)
- Green (58%)
- Blue (96%)



- Red (56%)
- Yellow (58%)
- Blue (96%)



- Cyan (42%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5521, 33.6733, 91.6565 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 38.5521, 33.6733, 91.6565 by changing the saturation by 10% instead.

■ 38.5521, 33.6733,
91.6565

■ 38.5521, 33.6733,
91.6565

331.2225,
318.6728, 554.1133

■ 26.5906, 22.6427,
68.7739

■ 72.2520, 65.4253,
151.5928

■ 17.4010, 14.3299,
50.0570

■ 94.7212, 86.9155,
189.4836

■ 10.6179, 8.3505,
35.0872

121.4237,
112.6611, 233.2142

■ 5.8759, 4.3200,
23.4460

152.7247,
143.0464, 283.2031

■ 2.8097, 1.8541,
14.7148

188.9898,
178.4558, 339.8690

■ 1.0539, 0.5206,
8.4750

230.5842,

■ 0.0000, 0.0000,

219.2738, 403.6303

4.3083

277.8733,
265.8847, 474.9055

■ 0.0000, 0.0000,
1.7960

■ 0.0000, 0.0000,
0.4253

■ 38.5521, 33.6733,
91.6565

■ 38.5521, 33.6733,
91.6565

■ 31.4435, 25.0990,
90.3768

■ 47.3392, 44.2158,
93.2289

■ 25.9029, 18.3676,
89.3695

■ 57.8983, 56.8344,
95.1080

■ 21.8125, 13.3447,
88.6156

■ 70.3206, 71.6332,
97.3098

■ 19.0363, 9.8765,
88.0925

■ 84.6898, 88.7086,
99.8483

■ 17.4125, 7.7811,
87.7736

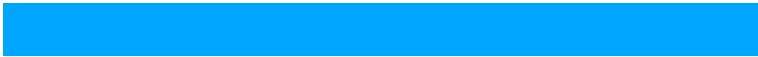
■ 93.6347, 99.4339,
101.4471

■ 16.7654, 6.9153,
87.6406

Harmonies

Analogous

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



30.4925, 33.6733, 98.3247



38.5521, 33.6733, 91.6565



45.7969, 33.6733, 68.1167

Triad

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



38.5521, 33.6733, 91.6565



41.6460, 33.6733, 11.6738



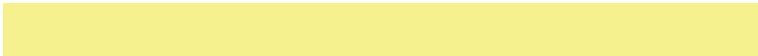
19.2604, 33.6733, 32.4353

Complementary

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



38.5521, 33.6733, 91.6565



74.4205, 84.4882, 38.3737

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.



21.3046, 33.6733, 16.7821



38.5521, 33.6733, 91.6565



33.5676, 33.6733, 8.3496

Square

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



38.5521, 33.6733, 91.6565



47.7770, 33.6733, 21.7313



26.2454, 33.6733, 9.7387



20.1538, 33.6733, 57.2292

Rectangle

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



38.5521, 33.6733, 91.6565



48.7507, 33.6733, 49.7419



26.2454, 33.6733, 9.7387



19.6147, 33.6733, 26.1071

Sweetspot

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



38.5534, 33.6745, 91.6573



74.6387, 75.7468, 105.2945



60.1393, 78.0940, 95.0064



15.3109, 15.4215, 22.4196



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.



38.5534, 33.6745, 91.6573



35.3591, 28.7345, 98.2904



47.5316, 37.1640, 91.8576



15.6457, 16.0556, 20.8170



8.9769, 3.7477, 46.7883



0.8113, 0.3739, 4.1197

Inverse Universe

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



53.1749, 41.3773, 33.2021



53.1754, 38.2808, 27.0265



61.6409, 80.1269, 38.2054



16.5317, 16.4955, 17.2807



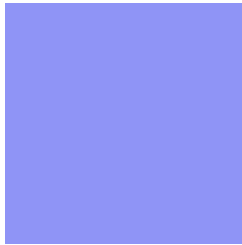
20.3357, 10.4777, 1.2100



1.7985, 0.9254, 0.1656

Previews

White Background



This preview shows how the XYZ color 38.5521, 33.6733, 91.6565 looks on a white background.

Color Contrast Check

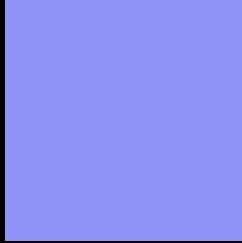
Large Text (above 18pt) WCAG AA × Fail

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 38.5521, 33.6733, 91.6565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

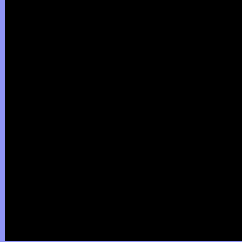
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5521, 33.6733, 91.6565

Background



This preview shows how black text looks on a background with the XYZ color 38.5521, 33.6733, 91.6565.



This preview shows how white text looks on a background with the XYZ color 38.5521, 33.6733,

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

38.5521, 33.6733, 91.6565

Protanopia

36.4116, 33.6694, 95.8465

Deuteranopia

34.9416, 34.0251, 90.3138



Tritanopia

29.3911, 33.6889, 46.0278

Trichromacy



Original Color

38.5521, 33.6733, 91.6565

Protanomaly

37.0676, 33.5620, 94.1470

Deuteranomaly

36.2054, 33.9147, 91.0242

Tritanomaly

32.2852, 33.5763, 60.0376

Monochromacy



Original Color

38.5521, 33.6733, 91.6565

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9867, 33.6012, 53.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5521, 33.6733, 91.6565 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(143, 148, 246)` looks like.

```
.text, #text, p{  
    color:rgb(143, 148, 246)  
}
```

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(143, 148, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 148, 246) }
```

Border

The CSS property to change the border of an element to XYZ 38.5521, 33.6733, 91.6565 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(143, 148, 246) }
```


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

```
.border{ border-color:rgb(143, 148, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 148, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 148, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 148, 246);  
box-shadow:4px 4px 4px 4px rgb(143, 148,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5521, 33.6733, 91.6565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 148, 246) }
```

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

```
.background{ background-color: rgb(143,  
148, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor