

Converting Colors

XYZ(36.4107, 31.5290, 92.1631)

Have a look what the booklet for
XYZ(36.4107, 31.5290, 92.1631)
contains.

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Color

**XYZ(36.4346, 31.6485,
92.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	8590F7
RGB	133, 144, 247
RGB Percent	52%, 56%, 97%
CMY	0.4784, 0.4353, 0.0314
CMYK	0.46, 0.42, 0.00, 0.03
HSL	234°, 88%, 75%
HSV	234°, 46%, 97%
XYZ	36.4346, 31.6485, 92.1841
YIQ	152.4530, -39.6190, 29.7010

Conversions

Conversions Part 2

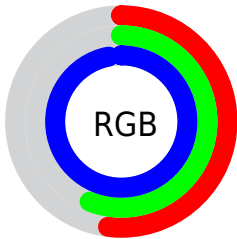
Format	Color
R_{YB}	133, 143, 247
Decimal	8753399
CIE _{Lab}	63.05, 22.48, -52.91
CIE _{LCh}	63, 57.484, 293.016
Yxy	31.6485, 0.2273, 0.1975
Android (android.graphics.Color)	4286943479 (0xFF8590F7)
YUV	152.4530, 46.6117, -17.0603
Hunter-Lab	56.2570, 17.1550, -57.7741

Details

The XYZ color **36.4346, 31.6485, 92.1841** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **72.5884, 81.4606, 34.0897**, and the grayscale version is **29.8588, 31.4138, 34.2096**.

A 20% lighter version of the original color is **59.7299, 58.6845, 102.7869**, and **16.1986, 13.2190, 50.4130** is the 20% darker color. If you saturate the color by 10%, you get **29.9310, 23.7646, 91.0058**, and if you desaturate by 10%, it is **44.5256, 41.3434, 93.6296**.

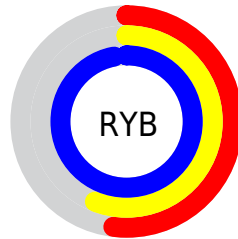
Distribution



Red (52%)

Green (56%)

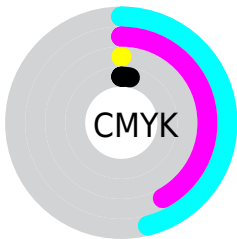
Blue (97%)



Red (52%)

Yellow (56%)

Blue (97%)

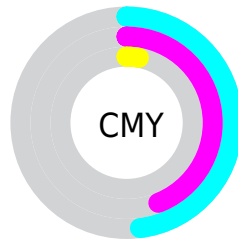


Cyan (46%)

Magenta (42%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (44%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4346, 31.6485, 92.1841 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 36.4346, 31.6485, 92.1841 by changing the saturation by 10% instead.

■ 36.4346, 31.6485,
92.1841

■ 36.4346, 31.6485,
92.1841

322.2543,
309.5149, 555.8627

■ 24.9417, 21.0932,
69.2097

■ 69.0218, 62.2596,
152.3304

■ 16.1621, 13.1921,
50.4097

■ 90.8469, 83.0842,
190.3394

■ 9.7305, 7.5610,
35.3656

■ 116.8466,
108.1007, 234.1970

■ 5.2815, 3.8153,
23.6588

147.3865,
137.6934, 284.3217

■ 2.4498, 1.5708,
14.8709

182.8319,
172.2468, 341.1321

■ 0.8700, 0.3378,
8.5832

223.5481,

■ 0.0000, 0.0000,

212.1453, 405.0467

4.3772

269.9004,
257.7732, 476.4840

■ 0.0000, 0.0000,
1.8345

■ 0.0000, 0.0000,
0.4506

■ 36.4346, 31.6485,
92.1841

■ 36.4346, 31.6485,
92.1841

■ 29.9310, 23.7646,
91.0058

■ 44.5256, 41.3434,
93.6296

■ 24.9063, 17.5756,
90.0760

■ 54.2953, 52.9490,
95.3548

■ 21.2440, 12.9572,
89.3776

■ 65.8329, 66.5616,
97.3742

■ 18.8086, 9.7661,
88.8900

■ 79.2198, 82.2701,
99.7007

■ 17.4354, 7.8324,
88.5891

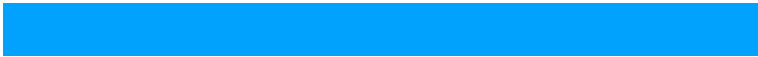
■ 93.7886, 99.4954,
102.2576

■ 17.1117, 7.3617,
88.5153

Harmonies

Analogous

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



28.2674, 31.6485, 98.3828



36.4346, 31.6485, 92.1841



43.9545, 31.6485, 67.9085

Triad

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



36.4346, 31.6485, 92.1841



40.2008, 31.6485, 10.0473



17.3588, 31.6485, 29.4252

Complementary

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



36.4346, 31.6485, 92.1841



72.5884, 81.4606, 34.0897

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.



19.4850, 31.6485, 14.3220



36.4346, 31.6485, 92.1841



31.9705, 31.6485, 6.7713

Square

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



36.4346, 31.6485, 92.1841



46.3817, 31.6485, 20.0692



24.5125, 31.6485, 7.8917



18.1317, 31.6485, 54.4727

Rectangle

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



36.4346, 31.6485, 92.1841



47.1168, 31.6485, 48.8298



24.5125, 31.6485, 7.8917



17.7436, 31.6485, 23.2281

Sweetspot

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



36.4358, 31.6496, 92.1849



73.6731, 74.9653, 105.1945



58.0170, 77.5419, 90.9626



15.1402, 15.3063, 22.4064



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.



36.4358, 31.6496, 92.1849



32.8432, 26.3595, 97.9646



43.6756, 33.0283, 92.0694



15.7097, 16.1838, 20.8384



9.0945, 3.9828, 46.8275



0.8418, 0.4350, 4.1298

Inverse Universe

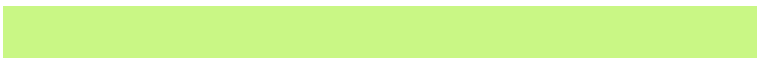
The Inverse Universe completely reimagines the original color for something new.



51.7804, 38.5644, 31.1010



51.2570, 35.0304, 24.5790



61.6907, 80.6889, 34.5151



16.5641, 16.5085, 17.4509



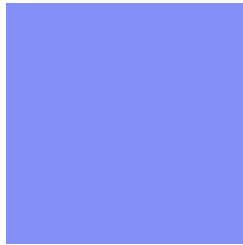
20.3950, 10.5014, 1.5225



1.8140, 0.9315, 0.2467

Previews

White Background



This preview shows how the XYZ color 36.4346, 31.6485, 92.1841 looks on a white background.

Color Contrast Check

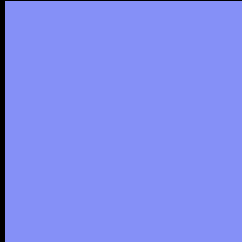
Large Text (above 18pt) WCAG AA × Fail

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 36.4346, 31.6485, 92.1841 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 36.4346, 31.6485, 92.1841

Background



This preview shows how black text looks on a background with the XYZ color 36.4346, 31.6485, 92.1841.



This preview shows how white text looks on a background with the XYZ color 36.4346, 31.6485,

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

36.4346, 31.6485, 92.1841

Protanopia

34.5904, 31.7749, 95.5768

Deuteranopia

32.8024, 31.9164, 90.8178



Tritanopia

26.7957, 31.6035, 44.2230

Trichromacy



Original Color

36.4346, 31.6485, 92.1841

Protanomaly

35.1603, 31.6211, 94.6928

Deuteranomaly

33.9713, 31.7815, 91.5327

Tritanomaly

29.7267, 31.2744, 59.1134

Monochromacy



Original Color

36.4346, 31.6485, 92.1841

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3941, 31.1025, 51.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4346, 31.6485, 92.1841 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(133, 144, 247)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 247)  
}
```

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(133, 144, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 247) }
```

Border

The CSS property to change the border of an element to XYZ 36.4346, 31.6485, 92.1841 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(133, 144, 247) }
```


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

```
.border{ border-color:rgb(133, 144, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 247);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4346, 31.6485, 92.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 247) }
```

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

```
.background{ background-color: rgb(133,  
144, 247) }
```

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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