

Converting Colors

XYZ(34.8313, 30.3041, 95.2803)

Have a look what the booklet for
XYZ(34.8313, 30.3041, 95.2803)
contains.

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Color

**XYZ(34.8313, 30.3041,
95.2803)**

Conversions

Conversions Part 1

Format	Color
Hex	788EFB
RGB	120, 142, 251
RGB Percent	47%, 56%, 98%
CMY	0.5294, 0.4431, 0.0157
CMYK	0.52, 0.43, 0.00, 0.02
HSL	230°, 94%, 73%
HSV	230°, 52%, 98%
XYZ	34.8313, 30.3041, 95.2803
YIQ	147.8480, -48.1010, 29.2350

Conversions

Conversions Part 2

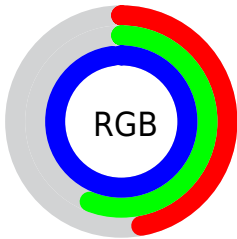
Format	Color
RYB	120, 139, 251
Decimal	7900923
CIELab	61.92, 21.96, -56.96
CIElCh	62, 61.048, 291.085
Yxy	30.3041, 0.2171, 0.1889
Android (android.graphics.Color)	4286091003 (0xFF788EFB)
YUV	147.8480, 50.8539, -24.4227
Hunter-Lab	55.0492, 16.6064, -64.0860

Details

The XYZ color **34.8313, 30.3041, 95.2803** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **71.1952, 77.9070, 29.0564**, and the grayscale version is **27.8955, 29.3482, 31.9602**.

A 20% lighter version of the original color is **56.1555, 55.8339, 102.4251**, and **15.2521, 12.4192, 52.6322** is the 20% darker color. If you saturate the color by 10%, you get **28.9738, 23.0960, 94.1984**, and if you desaturate by 10%, it is **42.1856, 39.1488, 96.6005**.

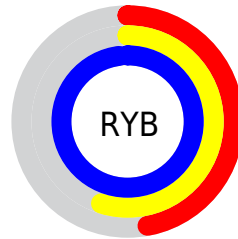
Distribution



Red (47%)

Green (56%)

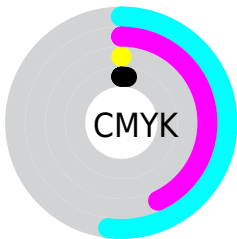
Blue (98%)



Red (47%)

Yellow (55%)

Blue (98%)

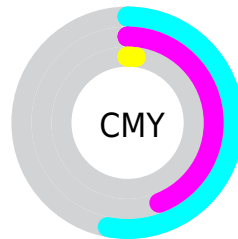


Cyan (52%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (44%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8313, 30.3041, 95.2803 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 34.8313, 30.3041, 95.2803 by changing the saturation by 10% instead.

■ 34.8313, 30.3041,
95.2803

■ 34.8313, 30.3041,
95.2803

315.3442,
303.3194, 566.0692

■ 23.6989, 20.0695,
71.7701

■ 66.5601, 60.1428,
156.6507

■ 15.2339, 12.4456,
52.4852

■ 87.8871, 80.5156,
195.3480

■ 9.0711, 7.0479,
37.0071

■ 113.3431,
105.0367, 239.9447

■ 4.8451, 3.4921,
24.9171

143.2934,
134.0905, 290.8595

■ 2.1905, 1.3937,
15.7969

178.1032,
168.0612, 348.5108

■ 0.7377, 0.2121,
9.2277

218.1381,

■ 0.0000, 0.0000,

207.3333, 413.3171

4.7912

263.7633,
252.2912, 485.6971

■ 0.0000, 0.0000,
2.0687

■ 0.0000, 0.0000,
0.5970

■ 34.8313, 30.3041,
95.2803

■ 34.8313, 30.3041,
95.2803

■ 28.9738, 23.0960,
94.1984

■ 42.1856, 39.1488,
96.6005

■ 24.5039, 17.4187,
93.3381

■ 51.1282, 49.7207,
98.1698

■ 21.3030, 13.1583,
92.6845

■ 61.7472, 62.1073,
100.0009

■ 19.2296, 10.1824,
92.2194

■ 74.1234, 76.3890,
102.1053

■ 18.2459, 8.6314,
91.9718

■ 88.3322, 92.6416,
104.4935

■ 94.4127, 99.7451,
105.5441

Harmonies

Analogous

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



26.4369, 30.3041, 100.3736



34.8313, 30.3041, 95.2803



42.8344, 30.3041, 70.0876

Triad

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



34.8313, 30.3041, 95.2803



39.8394, 30.3041, 8.9123



15.9056, 30.3041, 26.5041

Complementary

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



34.8313, 30.3041, 95.2803



71.1952, 77.9070, 29.0564

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.



18.2289, 30.3041, 12.0374



34.8313, 30.3041, 95.2803



31.3065, 30.3041, 5.5213

Square

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



34.8313, 30.3041, 95.2803



46.0848, 30.3041, 19.3146



23.5140, 30.3041, 6.3052



16.4928, 30.3041, 51.9687

Rectangle

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



34.8313, 30.3041, 95.2803



46.3636, 30.3041, 49.8321



23.5140, 30.3041, 6.3052



16.3529, 30.3041, 20.4563

Sweetspot

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



34.8325, 30.3051, 95.2811



71.7099, 73.2860, 104.9738



56.1071, 78.5336, 84.8636



14.7821, 15.0322, 22.3724



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.



34.8325, 30.3051, 95.2811



29.5790, 23.3722, 97.5600



38.9263, 28.0273, 94.6256



16.5185, 17.1138, 21.8180



9.6608, 4.6773, 48.3672



0.9592, 0.5622, 4.5011

Inverse Universe

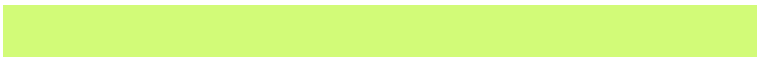
The Inverse Universe completely reimagines the original color for something new.



51.3838, 35.8968, 29.8124



48.7451, 30.7163, 21.5536



64.3296, 83.9822, 30.5909



17.3635, 17.2728, 18.5040



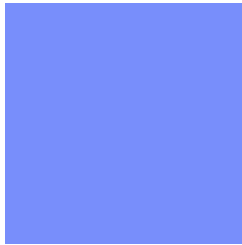
21.1684, 10.8831, 2.3291



1.9931, 1.0210, 0.3871

Previews

White Background



This preview shows how the XYZ color 34.8313, 30.3041, 95.2803 looks on a white background.

Color Contrast Check

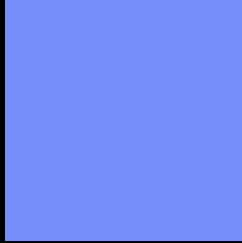
Large Text (above 18pt) WCAG AA × Fail

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 34.8313, 30.3041, 95.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

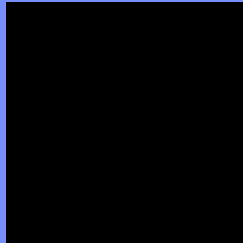
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8313, 30.3041, 95.2803

Background



This preview shows how black text looks on a background with the XYZ color 34.8313, 30.3041, 95.2803.



This preview shows how white text looks on a background with the XYZ color 34.8313, 30.3041,

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

34.8313, 30.3041, 95.2803

Protanopia

33.4943, 30.2313, 97.8358

Deuteranopia

31.3986, 30.4016, 93.8357



Tritanopia

24.4606, 30.1545, 43.5609

Trichromacy



Original Color

34.8313, 30.3041, 95.2803

Protanomaly

34.0096, 30.2896, 96.9825

Deuteranomaly

32.4084, 30.2025, 94.5640

Tritanomaly

27.5274, 29.8831, 59.5755

Monochromacy



Original Color

34.8313, 30.3041, 95.2803

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.5171, 29.4638, 50.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8313, 30.3041, 95.2803 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(120, 142, 251)` looks like.

```
.text, #text, p{  
    color:rgb(120, 142, 251)  
}
```

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(120, 142, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 142, 251) }
```

Border

The CSS property to change the border of an element to XYZ 34.8313, 30.3041, 95.2803 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(120, 142, 251) }
```


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

```
.border{ border-color:rgb(120, 142, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 142, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 142, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 142, 251);  
box-shadow:4px 4px 4px 4px rgb(120, 142,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8313, 30.3041, 95.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 142, 251) }
```

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

```
.background{ background-color: rgb(120,  
142, 251) }
```

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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