

Converting Colors

XYZ(34.1534, 29.8810, 98.5753)

Have a look what the booklet for
XYZ(34.1534, 29.8810, 98.5753)
contains.

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Color

**XYZ(34.1534, 29.8810,
98.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8EFF
RGB	110, 142, 255
RGB Percent	43%, 56%, 100%
CMY	0.5686, 0.4431, 0.0000
CMYK	0.57, 0.44, 0.00, 0.00
HSL	227°, 100%, 72%
HSV	227°, 57%, 100%
XYZ	34.1534, 29.8810, 98.5753
YIQ	145.3140, -55.3450, 28.3590

Conversions

Conversions Part 2

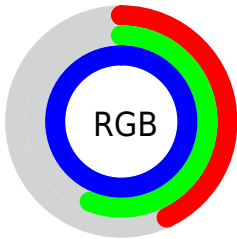
Format	Color
RYB	110, 136, 255
Decimal	7245567
CIELab	61.55, 21.20, -59.77
CIELCh	62, 63.416, 289.526
Yxy	29.8810, 0.2100, 0.1838
Android (android.graphics.Color)	4285435647 (0xFF6E8EFF)
YUV	145.3140, 54.0752, -30.9704
Hunter-Lab	54.6635, 15.8645, -68.6538

Details

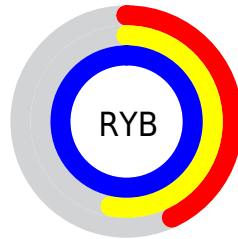
The XYZ color **34.1534, 29.8810, 98.5753** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **70.4440, 75.1643, 25.5492**, and the grayscale version is **26.8455, 28.2436, 30.7573**.

A 20% lighter version of the original color is **54.3597, 54.9081, 102.3410**, and **14.8569, 12.1628, 54.9907** is the 20% darker color. If you saturate the color by 10%, you get **28.7270, 23.0789, 97.5483**, and if you desaturate by 10%, it is **41.0217, 38.2096, 99.8209**.

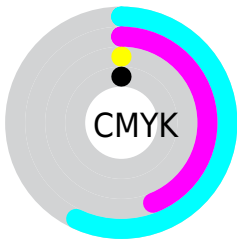
Distribution



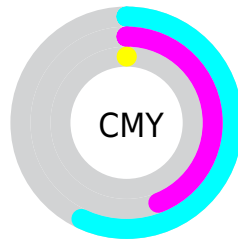
- Red (43%)
- Green (56%)
- Blue (100%)



- Red (43%)
- Yellow (53%)
- Blue (100%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1534, 29.8810, 98.5753 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 34.1534, 29.8810, 98.5753 by changing the saturation by 10% instead.

■ 34.1534, 29.8810,
98.5753

■ 34.1534, 29.8810,
98.5753

312.3894,
301.3494, 576.8228

■ 23.1749, 19.7483,
74.5010

■ 65.5149, 59.4739,
161.2327

■ 14.8441, 12.2122,
54.7049

■ 86.6285, 79.7029,
200.6529

■ 8.7957, 6.8884,
38.7685

■ 111.8513,
104.0662, 246.0254

■ 4.6642, 3.3924,
26.2733

141.5486,
132.9480, 297.7689

■ 2.0843, 1.3399,
16.8006

176.0857,
166.7328, 356.3019

■ 0.6807, 0.1718,
9.9320

215.8279,

■ 0.0000, 0.0000,

205.8051, 422.0428

5.2489

261.1407,
250.5491, 495.4103

■ 0.0000, 0.0000,
2.3327

■ 0.0000, 0.0000,
0.7495

■ 34.1534, 29.8810,
98.5753

■ 34.1534, 29.8810,
98.5753

■ 28.7270, 23.0789,
97.5483

■ 41.0217, 38.2096,
99.8209

■ 24.6306, 17.7030,
96.7266

■ 49.4257, 48.1505,
101.2967

■ 21.7398, 13.6442,
96.0955

■ 59.4548, 59.7861,
103.0140

■ 19.9007, 10.7725,
95.6382

■ 71.1905, 73.1923,
104.9831

■ 19.4772, 10.0745,
95.5257

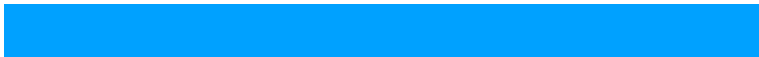
■ 84.7087, 88.4401,
107.2138

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



25.5627, 29.8810, 102.5878



34.1534, 29.8810, 98.5753



42.5569, 29.8810, 72.7845

Triad

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



34.1534, 29.8810, 98.5753



40.2383, 29.8810, 8.4975



15.2870, 29.8810, 24.8244

Complementary

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



34.1534, 29.8810, 98.5753



70.4440, 75.1643, 25.5492

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.



17.7941, 29.8810, 10.7879



34.1534, 29.8810, 98.5753



31.4420, 29.8810, 4.9437

Square

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



34.1534, 29.8810, 98.5753



46.5219, 29.8810, 19.3858



23.3337, 29.8810, 5.5019



15.7281, 29.8810, 50.5903

Rectangle

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



34.1534, 29.8810, 98.5753



46.3949, 29.8810, 51.5627



23.3337, 29.8810, 5.5019



15.7898, 29.8810, 18.8805

Sweetspot

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



34.1545, 29.8819, 98.5754



71.0140, 72.9920, 104.9538



55.2649, 80.0649, 81.0656



14.6662, 15.0167, 22.3755



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.



34.1545, 29.8819, 98.5754



28.1950, 22.3959, 97.4446



35.9613, 24.7321, 97.4862



17.3280, 18.0276, 22.8163



10.2666, 5.4429, 49.9441



1.0763, 0.6832, 4.8884

Inverse Universe

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



51.6993, 34.3664, 29.5003



47.6091, 28.5872, 20.7343



66.9929, 87.2960, 28.0728



18.1734, 18.0527, 19.5305



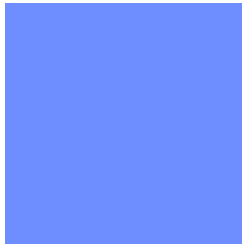
21.9703, 11.2774, 3.2283



2.1779, 1.1135, 0.5180

Previews

White Background



This preview shows how the XYZ color 34.1534, 29.8810, 98.5753 looks on a white background.

Color Contrast Check

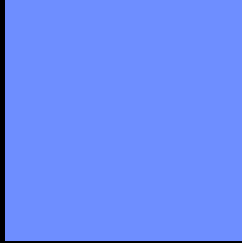
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1534, 29.8810, 98.5753 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 × Fail

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

XYZ 34.1534, 29.8810, 98.5753

Background



This preview shows how black text looks on a background with the XYZ color 34.1534, 29.8810, 98.5753.



This preview shows how white text looks on a background with the XYZ color 34.1534, 29.8810,

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

34.1534, 29.8810, 98.5753

Protanopia

33.1688, 29.8192, 98.6152

Deuteranopia

31.0902, 30.1698, 97.1132



Tritanopia

23.2555, 29.7784, 44.0573

Trichromacy



Original Color

34.1534, 29.8810, 98.5753

Protanomaly

33.4660, 29.7485, 98.5859

Deuteranomaly

31.9793, 29.9080, 97.8533

Tritanomaly

26.3872, 29.2679, 60.7584

Monochromacy



Original Color

34.1534, 29.8810, 98.5753

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2459, 28.3548, 49.8832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1534, 29.8810, 98.5753 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(110, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 142, 255)  
}
```

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(110, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 142, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.1534, 29.8810, 98.5753 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(110, 142, 255) }
```


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

```
.border{ border-color:rgb(110, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 142,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1534, 29.8810, 98.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 142, 255) }
```

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

```
.background{ background-color: rgb(110,  
142, 255) }
```

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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