

Converting Colors

XYZ(34.1308, 29.5351, 98.5097)

Have a look what the booklet for
XYZ(34.1308, 29.5351, 98.5097)
contains.

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Color

**XYZ(34.1102, 29.4209,
98.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	708CFF
RGB	112, 140, 255
RGB Percent	44%, 55%, 100%
CMY	0.5608, 0.4510, 0.0000
CMYK	0.56, 0.45, 0.00, 0.00
HSL	228°, 100%, 72%
HSV	228°, 56%, 100%
XYZ	34.1102, 29.4209, 98.4887
YIQ	144.7380, -53.6030, 29.8290

Conversions

Conversions Part 2

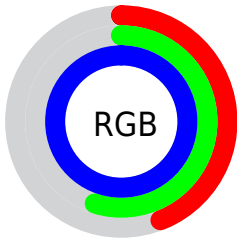
Format	Color
RYB	112, 135, 255
Decimal	7376127
CIELab	61.15, 22.77, -60.40
CIELCh	61, 64.552, 290.655
Yxy	29.4209, 0.2105, 0.1816
Android (android.graphics.Color)	4285566207 (0xFF708CFF)
YUV	144.7380, 54.3592, -28.7112
Hunter-Lab	54.2410, 17.3303, -69.6877

Details

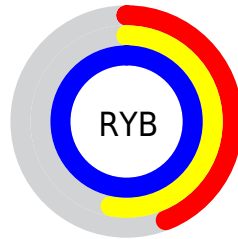
The XYZ color **34.1102, 29.4209, 98.4887** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.6358, 77.3715, 26.4900**, and the grayscale version is **26.6109, 27.9967, 30.4884**.

A 20% lighter version of the original color is **54.1332, 54.1306, 102.2029**, and **14.8154, 12.0270, 54.3639** is the 20% darker color. If you saturate the color by 10%, you get **28.5904, 22.5341, 97.4504**, and if you desaturate by 10%, it is **41.1092, 37.8999, 99.7565**.

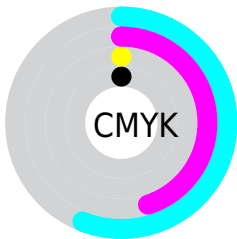
Distribution



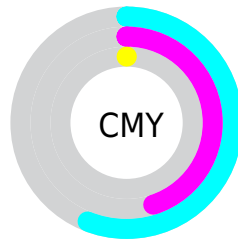
- Red (44%)
- Green (55%)
- Blue (100%)



- Red (44%)
- Yellow (53%)
- Blue (100%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1102, 29.4209, 98.4887 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 34.1102, 29.4209, 98.4887 by changing the saturation by 10% instead.

■ 34.1102, 29.4209,
98.4887

■ 34.1102, 29.4209,
98.4887

312.2004,
299.1957, 576.5416

■ 23.1416, 19.3995,
74.4292

■ 65.4482, 58.7452,
161.1125

■ 14.8193, 11.9593,
54.6464

■ 86.5482, 78.8167,
200.5138

■ 8.7782, 6.7159,
38.7220

■ 111.7560,
103.0072, 245.8661

■ 4.6527, 3.2851,
26.2374

141.4371,
131.7008, 297.5880

■ 2.0776, 1.2823,
16.7740

175.9567,
165.2821, 356.0979

■ 0.6770, 0.1275,
9.9132

215.6802,

■ 0.0000, 0.0000,

204.1355, 421.8144

5.2366

260.9730,
248.6452, 495.1562

■ 0.0000, 0.0000,
2.3256

■ 0.0000, 0.0000,
0.7455

■ 34.1102, 29.4209,
98.4887

■ 34.1102, 29.4209,
98.4887

■ 28.5904, 22.5341,
97.4504

■ 41.1092, 37.8999,
99.7565

■ 24.4354, 17.1333,
96.6269

■ 49.6831, 48.0620,
101.2661

■ 21.5190, 13.1032,
96.0027

■ 59.9235, 59.9943,
103.0295

■ 19.6868, 10.3077,
95.5597

■ 71.9137, 73.7772,
105.0579

■ 19.1873, 9.4945,
95.4291

■ 85.7314, 89.4857,
107.3617

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.



25.4020, 29.4209, 103.6049



34.1102, 29.4209, 98.4887



42.5421, 29.4209, 71.6309

Triad

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



34.1102, 29.4209, 98.4887



39.6103, 29.4209, 7.8100



14.7767, 29.4209, 25.0428

Complementary

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



34.1102, 29.4209, 98.4887



71.6358, 77.3715, 26.4900

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.



17.1662, 29.4209, 10.6310



34.1102, 29.4209, 98.4887



30.6920, 29.4209, 4.5345

Square

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



34.1102, 29.4209, 98.4887



46.1364, 29.4209, 18.2388



22.6038, 29.4209, 5.2118



15.3263, 29.4209, 51.4622

Rectangle

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



34.1102, 29.4209, 98.4887



46.3145, 29.4209, 50.0992



22.6038, 29.4209, 5.2118



15.2411, 29.4209, 18.9362

Sweetspot

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



34.1113, 29.4218, 98.4889



70.7297, 72.4233, 104.8590



56.2257, 80.4783, 84.8112



14.5998, 14.8839, 22.3533



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.



34.1113, 29.4218, 98.4889



28.1507, 21.9740, 97.3655



37.3444, 25.7692, 97.6134



17.2908, 17.9533, 22.8040



10.1069, 5.1234, 49.8908



1.0557, 0.6421, 4.8816

Inverse Universe

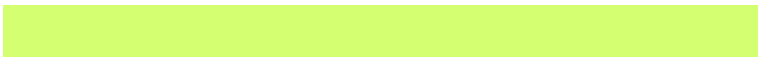
The Inverse Universe completely reimagines the original color for something new.



51.7687, 34.7435, 28.7891



47.6681, 28.9224, 20.0846



65.8659, 86.7023, 28.5951



18.1547, 18.0452, 19.4318



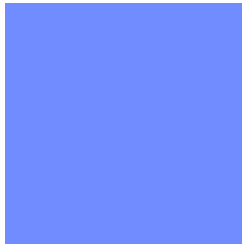
21.8897, 11.2452, 2.8036



2.1675, 1.1094, 0.4633

Previews

White Background



This preview shows how the XYZ color 34.1102, 29.4209, 98.4887 looks on a white background.

Color Contrast Check

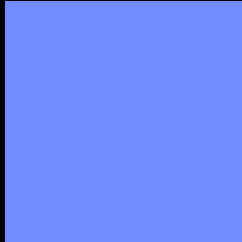
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1102, 29.4209, 98.4887 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 34.1102, 29.4209, 98.4887

Background



This preview shows how black text looks on a background with the XYZ color 34.1102, 29.4209, 98.4887.



This preview shows how white text looks on a background with the XYZ color 34.1102, 29.4209,

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

34.1102, 29.4209, 98.4887

Protanopia

32.8022, 29.4063, 98.5549

Deuteranopia

30.6570, 29.7106, 97.0474



Tritanopia

23.1528, 29.4803, 43.4997

Trichromacy



Original Color

34.1102, 29.4209, 98.4887

Protanomaly

33.2025, 29.3908, 98.5308

Deuteranomaly

31.6480, 29.5074, 97.7934

Tritanomaly

26.3025, 28.9961, 60.0876

Monochromacy



Original Color

34.1102, 29.4209, 98.4887

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2523, 28.1342, 49.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1102, 29.4209, 98.4887 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, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 140, 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(112, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.1102, 29.4209, 98.4887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

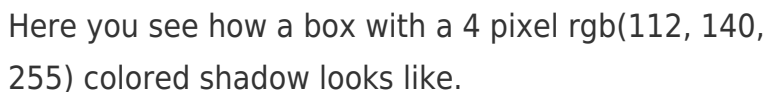
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 140, 255) }
```


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

```
.border{ border-color:rgb(112, 140, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 140,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1102, 29.4209, 98.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 140, 255) }
```

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

```
.background{ background-color: rgb(112,  
140, 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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