

Converting Colors

XYZ(35.4507, 29.6820, 98.4685)

Have a look what the booklet for
XYZ(35.4507, 29.6820, 98.4685)
contains.

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Color

**XYZ(35.4507, 29.6820,
98.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8AFF
RGB	124, 138, 255
RGB Percent	49%, 54%, 100%
CMY	0.5137, 0.4588, 0.0000
CMYK	0.51, 0.46, 0.00, 0.00
HSL	234°, 100%, 74%
HSV	234°, 51%, 100%
XYZ	35.4507, 29.6820, 98.4685
YIQ	147.1520, -45.9010, 33.4190

Conversions

Conversions Part 2

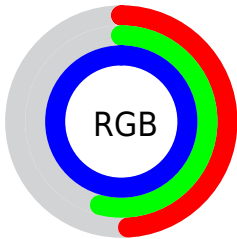
Format	Color
RYB	124, 137, 255
Decimal	8162047
CIELab	61.38, 26.38, -60.00
CIElCh	61, 65.542, 293.738
Yxy	29.6820, 0.2167, 0.1814
Android (android.graphics.Color)	4286352127 (0xFF7C8AFF)
YUV	147.1520, 53.1691, -20.3043
Hunter-Lab	54.4812, 20.8072, -69.0230

Details

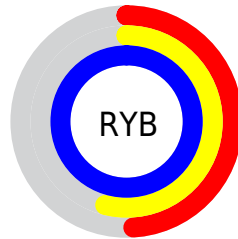
The XYZ color **35.4507, 29.6820, 98.4685** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.3354, 85.6292, 31.5758**, and the grayscale version is **27.5978, 29.0350, 31.6191**.

A 20% lighter version of the original color is **56.2092, 54.5489, 102.1742**, and **15.4922, 12.0028, 54.3236** is the 20% darker color. If you saturate the color by 10%, you get **29.2984, 22.1579, 97.3405**, and if you desaturate by 10%, it is **43.2430, 39.0692, 99.8697**.

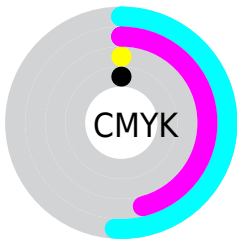
Distribution



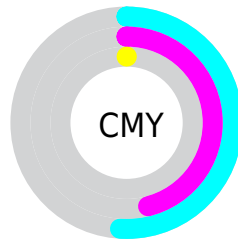
- Red (49%)
- Green (54%)
- Blue (100%)



- Red (49%)
- Yellow (54%)
- Blue (100%)



- Cyan (51%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4507, 29.6820, 98.4685 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 35.4507, 29.6820, 98.4685 by changing the saturation by 10% instead.

■ 35.4507, 29.6820,
98.4685

■ 35.4507, 29.6820,
98.4685

318.0265,
300.4194, 576.4760

■ 24.1784, 19.5973,
74.4124

■ 67.5128, 59.1589,
161.0844

■ 15.5915, 12.1027,
54.6328

■ 89.0334, 79.3200,
200.4813

■ 9.3245, 6.8137,
38.7112

■ 114.7007,
103.6086, 245.8289

■ 5.0123, 3.3458,
26.2290

144.8801,
132.4092, 297.5457

■ 2.2893, 1.3148,
16.7678

179.9371,
166.1062, 356.0503

■ 0.7892, 0.1526,
9.9088

220.2369,

■ 0.0000, 0.0000,

205.0840, 421.7612

5.2337

266.1449,
249.7269, 495.0969

■ 0.0000, 0.0000,
2.3239

■ 0.0000, 0.0000,
0.7446

■ 35.4507, 29.6820,
98.4685

■ 35.4507, 29.6820,
98.4685

■ 29.2984, 22.1579,
97.3405

■ 43.2430, 39.0692,
99.8697

■ 24.6644, 16.3692,
96.4674

■ 52.7784, 50.4302,
101.5600

■ 21.4156, 12.1761,
95.8292

■ 64.1555, 63.8702,
103.5546

■ 19.3935, 9.4156,
95.4030

■ 77.4643, 79.4861,
105.8673

■ 18.4475, 8.0151,
95.1825

■ 92.7892, 97.3689,
108.5113

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.



26.4364, 29.6820, 106.5525



35.4507, 29.6820, 98.4685



43.8595, 29.6820, 69.4713

Triad

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



35.4507, 29.6820, 98.4685



39.2368, 29.6820, 7.1169



14.6985, 29.6820, 27.3968

Complementary

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



35.4507, 29.6820, 98.4685



76.3354, 85.6292, 31.5758

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.



16.8140, 29.6820, 11.5390



35.4507, 29.6820, 98.4685



30.0651, 29.6820, 4.3290

Square

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



35.4507, 29.6820, 98.4685



46.3393, 29.6820, 16.6861



22.0323, 29.6820, 5.3855



15.5617, 29.6820, 55.5354

Rectangle

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



35.4507, 29.6820, 98.4685



47.3796, 29.6820, 47.5760



22.0323, 29.6820, 5.3855



15.0681, 29.6820, 20.7312

Sweetspot

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



35.4518, 29.6829, 98.4686



72.4043, 73.5600, 104.9901



59.7594, 82.0801, 94.9116



14.8943, 15.0372, 22.3674



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.



35.4518, 29.6829, 98.4686



28.9628, 21.7433, 97.2781



42.7633, 30.6610, 98.2720



17.1592, 17.6899, 22.7601



9.6894, 4.2883, 49.7516



0.9922, 0.5152, 4.8604

Inverse Universe

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



53.0360, 37.5120, 28.4905



48.5308, 31.0011, 19.2831



64.5163, 85.9241, 32.2556



18.0882, 18.0186, 19.0818



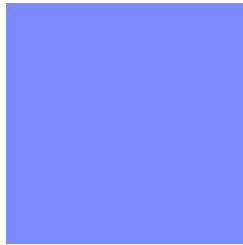
21.6789, 11.1609, 1.6938



2.1354, 1.0966, 0.2947

Previews

White Background



This preview shows how the XYZ color 35.4507, 29.6820, 98.4685 looks on a white background.

Color Contrast Check

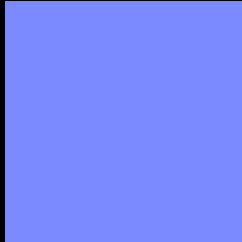
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4507, 29.6820, 98.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

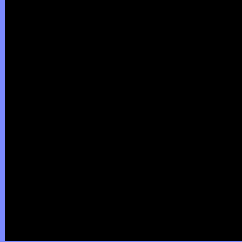
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4507, 29.6820, 98.4685

Background



This preview shows how black text looks on a background with the XYZ color 35.4507, 29.6820, 98.4685.



This preview shows how white text looks on a background with the XYZ color 35.4507, 29.6820,

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

35.4507, 29.6820, 98.4685

Protanopia

33.0603, 29.7632, 98.6101

Deuteranopia

30.8439, 29.8253, 96.2267



Tritanopia

24.2424, 29.5576, 42.4577

Trichromacy



Original Color

35.4507, 29.6820, 98.4685

Protanomaly

33.7864, 29.6918, 98.5581

Deuteranomaly

32.0715, 29.5163, 96.9354

Tritanomaly

27.5124, 29.1555, 59.4359

Monochromacy



Original Color

35.4507, 29.6820, 98.4685

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.4836, 28.9807, 50.4942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4507, 29.6820, 98.4685 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(124, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 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(124, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.4507, 29.6820, 98.4685 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(124, 138, 255) }
```


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

```
.border{ border-color:rgb(124, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4507, 29.6820, 98.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 255) }
```

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

```
.background{ background-color: rgb(124,  
138, 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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