

Converting Colors

XYZ(43.0710, 34.7839,
141.4635)

Have a look what the booklet for
XYZ(43.0710, 34.7839, 141.4635)
contains.

XYZ(34.9141, 31.4024, 98.8288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9141, 31.4024,
98.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	6E93FF
RGB	110, 147, 255
RGB Percent	43%, 58%, 100%
CMY	0.5686, 0.4235, 0.0000
CMYK	0.57, 0.42, 0.00, 0.00
HSL	225°, 100%, 72%
HSV	225°, 57%, 100%
XYZ	34.9141, 31.4024, 98.8288
YIQ	148.2490, -56.7200, 25.7440

Conversions

Conversions Part 2

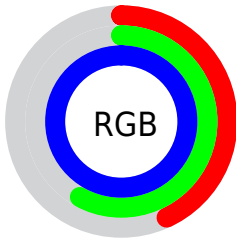
Format	Color
R_{YB}	110, 139, 255
Decimal	7246847
CIE _{Lab}	62.85, 18.24, -57.70
CIE _{LCh}	63, 60.516, 287.538
Yxy	31.4024, 0.2114, 0.1902
Android (android.graphics.Color)	4285436927 (0xFF6E93FF)
YUV	148.2490, 52.6282, -33.5444
Hunter-Lab	56.0378, 13.1473, -65.3378

Details

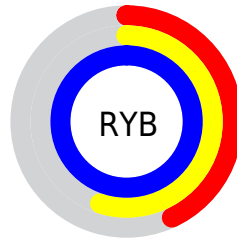
The XYZ color **34.9141, 31.4024, 98.8288** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.1277, 72.5317, 25.1105**, and the grayscale version is **28.0576, 29.5188, 32.1459**.

A 20% lighter version of the original color is **55.5142, 57.5393, 102.7880**, and **15.3428, 13.0777, 55.1417** is the 20% darker color. If you saturate the color by 10%, you get **29.4719, 24.5687, 97.7966**, and if you desaturate by 10%, it is **41.7589, 39.6838, 100.0666**.

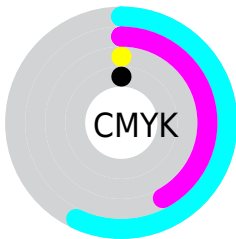
Distribution



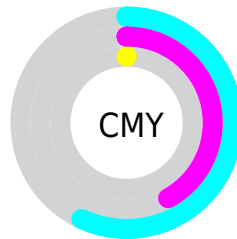
- Red (43%)
- Green (58%)
- Blue (100%)



- Red (43%)
- Yellow (55%)
- Blue (100%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9141, 31.4024, 98.8288 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 34.9141, 31.4024, 98.8288 by changing the saturation by 10% instead.

■ 34.9141, 31.4024,
98.8288

■ 34.9141, 31.4024,
98.8288

315.7037,
308.3879, 577.6457

■ 23.7629, 20.9055,
74.7114

■ 66.6876, 61.8731,
161.5846

■ 15.2816, 13.0549,
54.8761

■ 88.0406, 82.6156,
201.0600

■ 9.1049, 7.4664,
38.9046

■ 113.5249,
107.5420, 246.4918

■ 4.8673, 3.7554,
26.3783

143.5059,
137.0369, 298.2985

■ 2.2036, 1.5377,
16.8786

178.3489,
171.4845, 356.8987

■ 0.7446, 0.3151,
9.9869

218.4193,

■ 0.0000, 0.0000,

211.2693, 422.7110

5.2848

264.0824,
256.7756, 496.1538

■ 0.0000, 0.0000,
2.3537

■ 0.0000, 0.0000,
0.7610

■ 34.9141, 31.4024,
98.8288

■ 34.9141, 31.4024,
98.8288

■ 29.4719, 24.5687,
97.7966

■ 41.7589, 39.6838,
100.0666

■ 25.3242, 19.0903,
96.9578

■ 50.0961, 49.4912,
101.5201

■ 22.3514, 14.8675,
96.2994

■ 60.0120, 60.9003,
103.1997

■ 20.4052, 11.7815,
95.8063

■ 71.5849, 73.9810,
105.1146

■ 19.9439, 11.0077,
95.6813

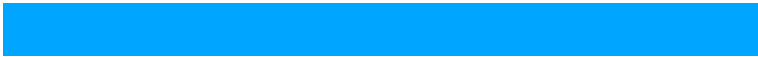
■ 84.8880, 88.7986,
107.2735

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.



26.5370, 31.4024, 100.9681



34.9141, 31.4024, 98.8288



43.2223, 31.4024, 75.2114

Triad

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



34.9141, 31.4024, 98.8288



41.9567, 31.4024, 10.3571



16.8285, 31.4024, 25.2546

Complementary

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



34.9141, 31.4024, 98.8288



69.1277, 72.5317, 25.1105

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.



19.5621, 31.4024, 11.7012



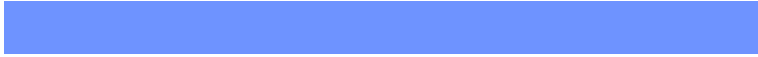
34.9141, 31.4024, 98.8288



33.4215, 31.4024, 6.1775

Square

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



34.9141, 31.4024, 98.8288



47.7775, 31.4024, 22.1951



25.2956, 31.4024, 6.5182



17.0792, 31.4024, 49.8804

Rectangle

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



34.9141, 31.4024, 98.8288



47.1393, 31.4024, 54.7737



25.2956, 31.4024, 6.5182



17.4041, 31.4024, 19.5446

Sweetspot

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



34.9153, 31.4034, 98.8290



71.4110, 73.7859, 105.0861



54.6294, 79.8107, 77.7190



14.7590, 15.2024, 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.



34.9153, 31.4034, 98.8290



28.9357, 23.8774, 97.6915



35.1002, 24.2882, 97.4459



17.3796, 18.1309, 22.8336



10.5213, 5.9523, 50.0290



1.1076, 0.7458, 4.8989

Inverse Universe

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



52.0833, 34.5201, 31.5224



47.9829, 28.7367, 22.7031



68.4449, 88.0445, 28.1408



18.1995, 18.0631, 19.6678



22.0989, 11.3288, 3.9052



2.1937, 1.1198, 0.6012

Previews

White Background



This preview shows how the XYZ color 34.9141, 31.4024, 98.8288 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 34.9141, 31.4024, 98.8288 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 34.9141, 31.4024, 98.8288

Background



This preview shows how black text looks on a background with the XYZ color 34.9141, 31.4024, 98.8288.



This preview shows how white text looks on a background with the XYZ color 34.9141, 31.4024,

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

34.9141, 31.4024, 98.8288

Protanopia

34.5838, 31.4640, 98.8581

Deuteranopia

32.6740, 31.6876, 98.1601



Tritanopia

24.4357, 31.3875, 46.3655

Trichromacy



Original Color

34.9141, 31.4024, 98.8288

Protanomaly

34.7033, 31.5256, 98.8637

Deuteranomaly

33.3696, 31.5643, 98.0997

Tritanomaly

27.4628, 31.0352, 62.3006

Monochromacy



Original Color

34.9141, 31.4024, 98.8288

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.3911, 29.8360, 51.2236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9141, 31.4024, 98.8288 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, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 147, 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, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 147, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.9141, 31.4024, 98.8288 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, 147, 255) }
```


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

```
.border{ border-color:rgb(110, 147, 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, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 147,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9141, 31.4024, 98.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 147, 255) }
```

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

```
.background{ background-color: rgb(110,  
147, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor