

Converting Colors

XYZ(34.4308, 32.2613, 65.2263)

Have a look what the booklet for
XYZ(34.4308, 32.2613, 65.2263)
contains.

XYZ(34.5930, 32.4439, 65.4118)	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(34.5930, 32.4439,
65.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	9495D2
RGB	148, 149, 210
RGB Percent	58%, 58%, 82%
CMY	0.4196, 0.4157, 0.1765
CMYK	0.30, 0.29, 0.00, 0.18
HSL	239°, 41%, 70%
HSV	239°, 30%, 82%
XYZ	34.5930, 32.4439, 65.4118
YIQ	155.6550, -20.1770, 18.7590

Conversions

Conversions Part 2

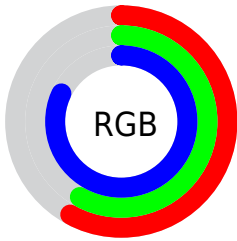
Format	Color
RYB	148, 149, 210
Decimal	9737682
CIELab	63.71, 13.42, -31.33
CIElCh	64, 34.082, 293.186
Yxy	32.4439, 0.2612, 0.2450
Android (android.graphics.Color)	4287927762 (0xFF9495D2)
YUV	155.6550, 26.7921, -6.7134
Hunter-Lab	56.9595, 8.7284, -28.2164

Details

The XYZ color **34.5930, 32.4439, 65.4118** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.7247, 61.4411, 36.9931**, and the grayscale version is **31.3382, 32.9702, 35.9045**.

A 20% lighter version of the original color is **64.0345, 62.6284, 103.3212**, and **15.0034, 13.5348, 32.8321** is the 20% darker color. If you saturate the color by 10%, you get **28.1496, 24.6931, 64.2559**, and if you desaturate by 10%, it is **42.3076, 41.7122, 66.7947**.

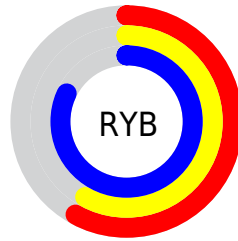
Distribution



Red (58%)

Green (58%)

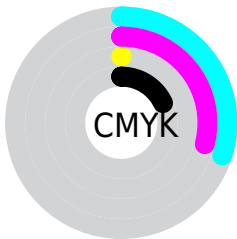
Blue (82%)



Red (58%)

Yellow (58%)

Blue (82%)

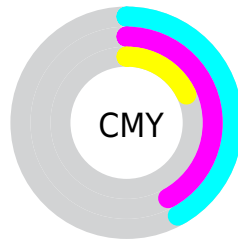


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (42%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5930, 32.4439, 65.4118 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 34.5930, 32.4439, 65.4118 by changing the saturation by 10% instead.

■ 34.5930, 32.4439,
65.4118

■ 34.5930, 32.4439,
65.4118

314.3078,
313.1364, 462.6170

■ 23.5146, 21.7008,
47.3416

■ 66.1930, 63.5063,
114.2606

■ 15.0967, 13.6372,
32.9495

■ 87.4452, 84.5944,
145.8764

■ 8.9740, 7.8688,
21.8170

112.8194,
109.8997, 182.8443

■ 4.7812, 4.0111,
13.5254

142.6810,
139.8064, 225.5831

■ 2.1529, 1.6798,
7.6564

177.3953,
174.6991, 274.5112

■ 0.7177, 0.4105,
3.7913

217.3276,

■ 0.0000, 0.0000,

214.9620, 330.0472

1.5116

262.8433,
260.9797, 392.6096

■ 0.0000, 0.0000,
0.2265

■ 0.0000, 0.0000,
0.0000

■ 34.5930, 32.4439,
65.4118

■ 34.5930, 32.4439,
65.4118

■ 28.1496, 24.6931,
64.2559

■ 42.3076, 41.7122,
66.7947

■ 22.9060, 18.3754,
63.3128

■ 51.3529, 52.5688,
68.4135

■ 18.7892, 13.4041,
62.5703

■ 61.7887, 65.0844,
70.2793

■ 15.7167, 9.6816,
62.0137

■ 73.6703, 79.3247,
72.4017

■ 13.5945, 7.0972,
61.6267

■ 87.0497, 95.3516,
74.7900

■ 12.3123, 5.5206,
61.3900

■ 88.6330, 97.4332,
75.1083

■ 11.6930, 4.7546,
61.2748

■ 11.6697, 4.7267,
61.2706

Harmonies

Analogous

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



29.7608, 32.4439, 68.3764



34.5930, 32.4439, 65.4118



38.7828, 32.4439, 53.5314

Triad

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



34.5930, 32.4439, 65.4118



36.6694, 32.4439, 18.1858



22.5928, 32.4439, 32.2982

Complementary

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



34.5930, 32.4439, 65.4118



54.7247, 61.4411, 36.9931

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.



24.0580, 32.4439, 21.8013



34.5930, 32.4439, 65.4118



31.9387, 32.4439, 15.1279

Square

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



34.5930, 32.4439, 65.4118



40.0655, 32.4439, 25.9557



27.3631, 32.4439, 16.2553



23.1470, 32.4439, 46.7168

Rectangle

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



34.5930, 32.4439, 65.4118



40.4822, 32.4439, 43.4872



27.3631, 32.4439, 16.2553



22.8600, 32.4439, 28.2555

Sweetspot

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



34.5941, 32.4452, 65.4126



80.3200, 82.3343, 106.2665



46.7646, 56.9916, 68.8362



16.7184, 17.0550, 22.6607



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.



34.5941, 32.4452, 65.4126



47.5771, 43.0071, 100.4014



40.5761, 35.2951, 65.6474



11.1788, 11.4478, 14.8641



7.1253, 2.8973, 37.3762



0.4039, 0.1730, 2.0917

Inverse Universe

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



42.5940, 37.0524, 33.3419



61.8235, 51.2387, 43.2830



47.2229, 57.9393, 36.7126



11.8164, 11.8113, 12.3088



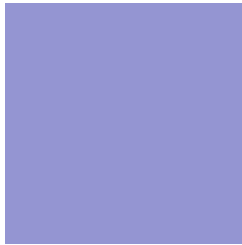
16.2273, 8.3637, 0.8371



0.9101, 0.4688, 0.0614

Previews

White Background



This preview shows how the XYZ color 34.5930, 32.4439, 65.4118 looks on a white background.

Color Contrast Check

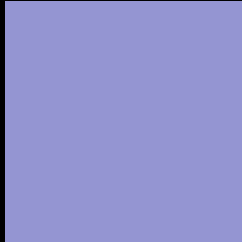
Large Text (above 18pt) WCAG AA × Fail

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 34.5930, 32.4439, 65.4118 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 34.5930, 32.4439, 65.4118

Background



This preview shows how black text looks on a background with the XYZ color 34.5930, 32.4439, 65.4118.



This preview shows how white text looks on a background with the XYZ color 34.5930, 32.4439,

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

34.5930, 32.4439, 65.4118

Protanopia

33.2652, 32.4442, 66.7964

Deuteranopia

33.2181, 32.4632, 64.8368



Tritanopia

30.0336, 32.5540, 42.2367

Trichromacy



Original Color

34.5930, 32.4439, 65.4118

Protanomaly

33.6397, 32.4118, 66.1111

Deuteranomaly

33.7306, 32.4874, 64.8145

Tritanomaly

31.5350, 32.4115, 49.9414

Monochromacy



Original Color

34.5930, 32.4439, 65.4118

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3646, 32.6894, 45.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5930, 32.4439, 65.4118 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(148, 149, 210)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 210)  
}
```

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(148, 149, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 210) }
```

Border

The CSS property to change the border of an element to XYZ 34.5930, 32.4439, 65.4118 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(148, 149, 210) }
```


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

```
.border{ border-color:rgb(148, 149, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 210);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5930, 32.4439, 65.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 210) }
```

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

```
.background{ background-color: rgb(148,  
149, 210) }
```

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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