

Converting Colors

XYZ(35.3932, 34.4942, 79.6555)

Have a look what the booklet for
XYZ(35.3932, 34.4942, 79.6555)
contains.

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Color

**XYZ(35.3932, 34.4942,
79.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	819DE6
RGB	129, 157, 230
RGB Percent	51%, 62%, 90%
CMY	0.4941, 0.3843, 0.0980
CMYK	0.44, 0.32, 0.00, 0.10
HSL	223°, 67%, 70%
HSV	223°, 44%, 90%
XYZ	35.3932, 34.4942, 79.6555
YIQ	156.9500, -40.1210, 16.7670

Conversions

Conversions Part 2

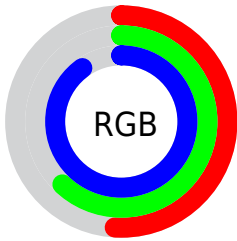
Format	Color
R _Y B	129, 151, 230
Decimal	8494566
CIE Lab	65.35, 9.06, -39.95
CIE LCh	65, 40.962, 282.778
Yxy	34.4942, 0.2367, 0.2307
Android (android.graphics.Color)	4286684646 (0xFF819DE6)
YUV	156.9500, 36.0137, -24.5121
Hunter-Lab	58.7318, 4.7879, -39.3004

Details

The XYZ color **35.3932, 34.4942, 79.6555** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.7176, 60.6510, 29.4354**, and the grayscale version is **31.8826, 33.5430, 36.5283**.

A 20% lighter version of the original color is **61.3518, 64.1228, 103.7511**, and **15.5417, 14.7805, 42.0782** is the 20% darker color. If you saturate the color by 10%, you get **29.6609, 27.6446, 78.6362**, and if you desaturate by 10%, it is **42.2969, 42.5171, 80.8409**.

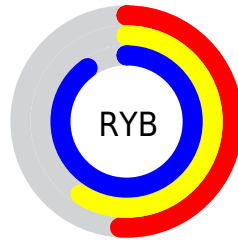
Distribution



Red (51%)

Green (62%)

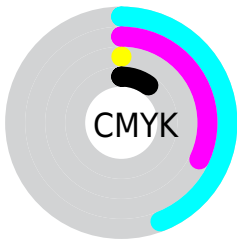
Blue (90%)



Red (51%)

Yellow (59%)

Blue (90%)

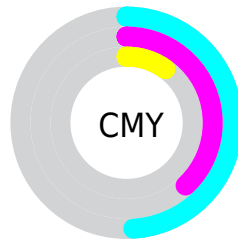


Cyan (44%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (49%)

Magenta (38%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3932, 34.4942, 79.6555 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 35.3932, 34.4942, 79.6555 by changing the saturation by 10% instead.

■ 35.3932, 34.4942,
79.6555

■ 35.3932, 34.4942,
79.6555

317.7782,
322.3301, 513.4472

■ 24.1338, 23.2735,
58.9104

■ 67.4245, 66.7015,
134.6883

■ 15.5582, 14.7956,
42.1215

■ 88.9271, 88.4568,
169.8131

■ 9.3009, 8.6761,
28.8701

■ 114.5749,
114.4925, 210.5682

■ 4.9967, 4.5305,
18.7379

144.7331,
145.1930, 257.3721

■ 2.2800, 1.9745,
11.3061

179.7672,
180.9426, 310.6434

■ 0.7844, 0.5926,
6.1564

220.0425,

■ 0.0000, 0.0000,

222.1257, 370.8007

2.8701

265.9244,
269.1267, 438.2625

■ 0.0000, 0.0000,
1.0287

■ 0.0000, 0.0000,
0.0000

■ 35.3932, 34.4942,
79.6555

■ 35.3932, 34.4942,
79.6555

■ 29.6609, 27.6446,
78.6362

■ 42.2969, 42.5171,
80.8409

■ 25.0276, 21.9061,
77.7727

■ 50.4312, 51.7634,
82.1969

■ 21.4180, 17.2165,
77.0578

■ 59.8557, 62.2847,
83.7310

■ 18.7451, 13.5045,
76.4822

■ 70.6247, 74.1286,
85.4495

■ 16.9051, 10.6884,
76.0356

■ 82.7896, 87.3401,
87.3584

■ 16.1029, 9.3529,
75.8201

■ 91.2830, 98.4932,
89.0635

Harmonies

Analogous

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



29.5003, 34.4942, 78.5706



35.3932, 34.4942, 79.6555



41.2244, 34.4942, 67.2571

Triad

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



35.3932, 34.4942, 79.6555



41.9626, 34.4942, 19.3498



22.9902, 34.4942, 28.6342

Complementary

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



35.3932, 34.4942, 79.6555



57.7176, 60.6510, 29.4354

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.



25.5851, 34.4942, 18.2135



35.3932, 34.4942, 79.6555



36.3064, 34.4942, 14.0804

Square

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



35.3932, 34.4942, 79.6555



45.3156, 34.4942, 30.7403



30.3095, 34.4942, 13.7399



22.8088, 34.4942, 45.3166

Rectangle

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



35.3932, 34.4942, 79.6555



44.1008, 34.4942, 54.7105



30.3095, 34.4942, 13.7399



23.5933, 34.4942, 24.4276

Sweetspot

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



35.3944, 34.4955, 79.6563



76.7153, 79.8999, 105.9866



47.9391, 65.4968, 65.6118



15.8167, 16.4331, 22.5882



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.



35.3944, 34.4955, 79.6563



37.8853, 35.4231, 99.4483



34.8756, 27.9836, 78.4268



13.9064, 14.5342, 18.2168



9.2048, 5.4717, 42.9542



0.7564, 0.5568, 3.1996

Inverse Universe

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



46.5703, 34.9594, 36.1926



54.0512, 37.1020, 36.3522



58.3056, 71.6063, 31.5190



14.5403, 14.4333, 15.7799



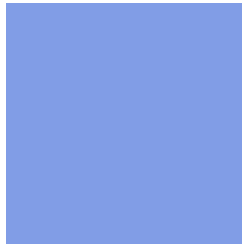
19.0397, 9.7501, 3.8378



1.4454, 0.7359, 0.4862

Previews

White Background



This preview shows how the XYZ color 35.3932, 34.4942, 79.6555 looks on a white background.

Color Contrast Check

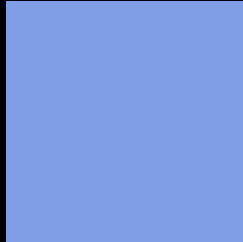
Large Text (above 18pt) WCAG AA × Fail

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 35.3932, 34.4942, 79.6555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

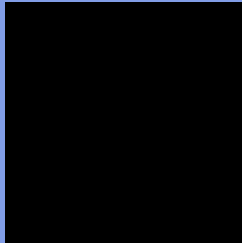
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3932, 34.4942, 79.6555

Background



This preview shows how black text looks on a background with the XYZ color 35.3932, 34.4942, 79.6555.

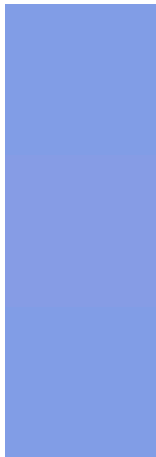


This preview shows how white text looks on a background with the XYZ color 35.3932, 34.4942,

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

35.3932, 34.4942, 79.6555

Protanopia

35.8628, 34.5024, 78.8982

Deuteranopia

35.3932, 34.4942, 79.6555



Tritanopia

29.1272, 34.5776, 48.3190

Trichromacy



Original Color

35.3932, 34.4942, 79.6555

Protanomaly

35.5470, 34.3396, 78.8834

Deuteranomaly

35.3932, 34.4942, 79.6555

Tritanomaly

31.0360, 34.2647, 58.4041

Monochromacy



Original Color

35.3932, 34.4942, 79.6555

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.7413, 33.7777, 50.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3932, 34.4942, 79.6555 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(129, 157, 230)` looks like.

```
.text, #text, p{  
    color:rgb(129, 157, 230)  
}
```

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(129, 157, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 157, 230) }
```

Border

The CSS property to change the border of an element to XYZ 35.3932, 34.4942, 79.6555 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(129, 157, 230) }
```


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

```
.border{ border-color:rgb(129, 157, 230) }
```

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

Here you see how a box with a 4 pixel rgb(129, 157, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 157, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 157, 230);  
box-shadow:4px 4px 4px 4px rgb(129, 157,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3932, 34.4942, 79.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 157, 230) }
```

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

```
.background{ background-color: rgb(129,  
157, 230) }
```

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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