

Converting Colors

XYZ(35.5470, 32.6682, 99.0398)

Have a look what the booklet for
XYZ(35.5470, 32.6682, 99.0398)
contains.

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Color

**XYZ(35.5470, 32.6682,
99.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	6E97FF
RGB	110, 151, 255
RGB Percent	43%, 59%, 100%
CMY	0.5686, 0.4078, 0.0000
CMYK	0.57, 0.41, 0.00, 0.00
HSL	223°, 100%, 72%
HSV	223°, 57%, 100%
XYZ	35.5470, 32.6682, 99.0398
YIQ	150.5970, -57.8200, 23.6520

Conversions

Conversions Part 2

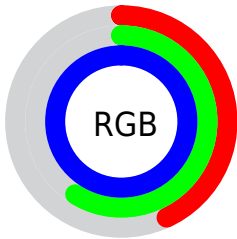
Format	Color
R_{YB}	110, 142, 255
Decimal	7247871
CIE _{Lab}	63.89, 15.88, -56.04
CIE _{LCh}	64, 58.245, 285.822
Yxy	32.6682, 0.2125, 0.1953
Android (android.graphics.Color)	4285437951 (0xFF6E97FF)
YUV	150.5970, 51.4707, -35.6036
Hunter-Lab	57.1561, 10.9910, -62.7281

Details

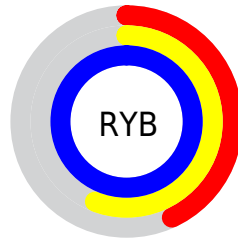
The XYZ color **35.5470, 32.6682, 99.0398** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.1028, 70.4818, 24.7688**, and the grayscale version is **29.0498, 30.5627, 33.2827**.

A 20% lighter version of the original color is **56.4589, 59.4287, 103.1029**, and **15.7218, 13.8357, 55.2680** is the 20% darker color. If you saturate the color by 10%, you get **30.0998, 25.8245, 98.0059**, and if you desaturate by 10%, it is **42.3658, 40.8978, 100.2689**.

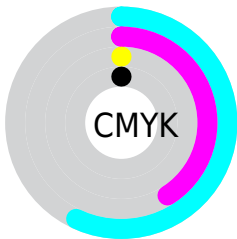
Distribution



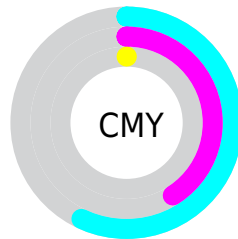
- Red (43%)
- Green (59%)
- Blue (100%)



- Red (43%)
- Yellow (56%)
- Blue (100%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5470, 32.6682, 99.0398 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 35.5470, 32.6682, 99.0398 by changing the saturation by 10% instead.

■ 35.5470, 32.6682,
99.0398

■ 35.5470, 32.6682,
99.0398

318.4421,
314.1520, 578.3301

■ 24.2530, 21.8724,
74.8865

■ 67.6608, 63.8572,
161.8774

■ 15.6472, 13.7632,
55.0187

■ 89.2112, 85.0191,
201.3987

■ 9.3641, 7.9561,
39.0180

■ 114.9113,
110.4052, 246.8798

■ 5.0384, 4.0669,
26.4658

145.1262,
140.3999, 298.7391

■ 2.3048, 1.7110,
16.9435

180.2214,
175.3875, 357.3953

■ 0.7971, 0.4308,
10.0327

220.5622,

■ 0.0000, 0.0000,

215.7524, 423.2668

5.3148

266.5140,
261.8791, 496.7723

■ 0.0000, 0.0000,
2.3712

■ 0.0000, 0.0000,
0.7707

■ 35.5470, 32.6682,
99.0398

■ 35.5470, 32.6682,
99.0398

■ 30.0998, 25.8245,
98.0059

■ 42.3658, 40.8978,
100.2689

■ 25.9190, 20.2799,
97.1561

■ 50.6435, 50.5860,
101.7026

■ 22.8884, 15.9414,
96.4784

■ 60.4638, 61.8040,
103.3503

■ 20.8633, 12.6978,
95.9591

■ 71.9029, 74.6169,
105.2206

■ 20.3737, 11.8673,
95.8246

■ 85.0318, 89.0862,
107.3214

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.



27.3487, 32.6682, 99.7044



35.5470, 32.6682, 99.0398



43.7757, 32.6682, 77.1920

Triad

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



35.5470, 32.6682, 99.0398



43.3750, 32.6682, 12.0310



18.1427, 32.6682, 25.6232

Complementary

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



35.5470, 32.6682, 99.0398



68.1028, 70.4818, 24.7688

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.



21.0659, 32.6682, 12.4808



35.5470, 32.6682, 99.0398



35.0713, 32.6682, 7.3065

Square

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



35.5470, 32.6682, 99.0398



48.8093, 32.6682, 24.6314



26.9495, 32.6682, 7.4238



18.2246, 32.6682, 49.3456

Rectangle

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



35.5470, 32.6682, 99.0398



47.7554, 32.6682, 57.4365



26.9495, 32.6682, 7.4238



18.7806, 32.6682, 20.1051

Sweetspot

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



35.5482, 32.6692, 99.0399



71.7311, 74.4262, 105.1928



54.3185, 79.6863, 76.0820



14.8340, 15.3522, 22.4314



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.



35.5482, 32.6692, 99.0399



29.5612, 25.1283, 97.9000



34.6832, 24.0732, 97.4263



17.4211, 18.2139, 22.8474



10.7541, 6.4177, 50.1065



1.1350, 0.8007, 4.9080

Inverse Universe

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



52.4028, 34.6478, 33.2047



48.2987, 28.8630, 24.3657



69.1868, 88.4270, 28.1755



18.2205, 18.0715, 19.7781



22.2164, 11.3758, 4.5239



2.2075, 1.1254, 0.6742

Previews

White Background



This preview shows how the XYZ color 35.5470, 32.6682, 99.0398 looks on a white background.

Color Contrast Check

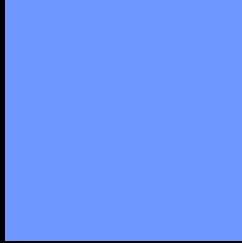
Large Text (above 18pt) WCAG AA × Fail

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 35.5470, 32.6682, 99.0398 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

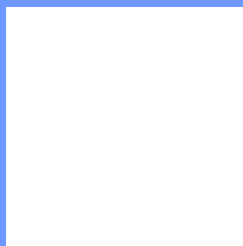
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5470, 32.6682, 99.0398

Background



This preview shows how black text looks on a background with the XYZ color 35.5470, 32.6682, 99.0398.



This preview shows how white text looks on a background with the XYZ color 35.5470, 32.6682,

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

35.5470, 32.6682, 99.0398

Protanopia

35.7987, 32.7980, 99.0516

Deuteranopia

33.8272, 32.7721, 98.3087



Tritanopia

25.5525, 32.7230, 48.6855

Trichromacy



Original Color

35.5470, 32.6682, 99.0398

Protanomaly

35.6722, 32.7327, 99.0457

Deuteranomaly

34.3748, 32.8083, 98.2868

Tritanomaly

28.5437, 32.3191, 64.4083

Monochromacy



Original Color

35.5470, 32.6682, 99.0398

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.4053, 31.0416, 52.5332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5470, 32.6682, 99.0398 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, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 151, 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, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.5470, 32.6682, 99.0398 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, 151, 255) }
```


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

```
.border{ border-color:rgb(110, 151, 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, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5470, 32.6682, 99.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 151, 255) }
```

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

```
.background{ background-color: rgb(110,  
151, 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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