

Converting Colors

XYZ(35.1114, 30.2224, 85.6443)

Have a look what the booklet for
XYZ(35.1114, 30.2224, 85.6443)
contains.

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Color

**XYZ(35.1114, 30.2224,
85.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	888CEF
RGB	136, 140, 239
RGB Percent	53%, 55%, 94%
CMY	0.4666, 0.4510, 0.0627
CMYK	0.43, 0.41, 0.00, 0.06
HSL	238°, 76%, 74%
HSV	238°, 43%, 94%
XYZ	35.1114, 30.2224, 85.6443
YIQ	150.0900, -34.1630, 29.9410

Conversions

Conversions Part 2

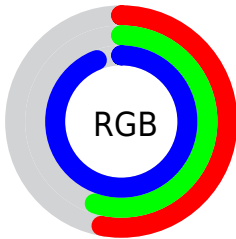
Format	Color
R _Y B	136, 140, 239
Decimal	8948975
CIE Lab	61.85, 23.22, -50.40
CIE LCh	62, 55.494, 294.736
Yxy	30.2224, 0.2326, 0.2002
Android (android.graphics.Color)	4287139055 (0xFF888CEF)
YUV	150.0900, 43.8326, -12.3569
Hunter-Lab	54.9749, 17.7984, -53.8843

Details

The XYZ color **35.1114, 30.2224, 85.6443** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **69.7503, 79.5469, 34.9721**, and the grayscale version is **28.8589, 30.3618, 33.0640**.

A 20% lighter version of the original color is **59.1123, 56.6974, 102.4359**, and **15.3241, 12.3520, 45.8325** is the 20% darker color. If you saturate the color by 10%, you get **28.6403, 22.4132, 84.4786**, and if you desaturate by 10%, it is **43.1509, 39.8812, 87.0855**.

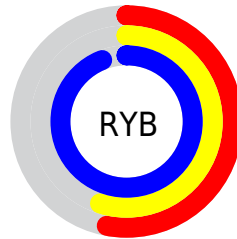
Distribution



Red (53%)

Green (55%)

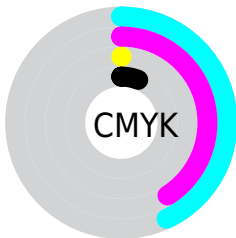
Blue (94%)



Red (53%)

Yellow (55%)

Blue (94%)

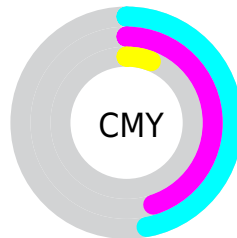


Cyan (43%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1114, 30.2224, 85.6443 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 35.1114, 30.2224, 85.6443 by changing the saturation by 10% instead.

■ 35.1114, 30.2224,
85.6443

■ 35.1114, 30.2224,
85.6443

316.5592,
302.9397, 533.9577

■ 23.9156, 20.0075,
63.8207

■ 66.9912, 60.0137,
143.1552

■ 15.3954, 12.4005,
46.0602

■ 88.4059, 80.3589,
179.6795

■ 9.1855, 7.0170,
31.9443

■ 113.9577,
104.8496, 221.9411

■ 4.9205, 3.4728,
21.0545

144.0118,
133.8702, 270.3585

■ 2.2349, 1.3832,
12.9722

178.9336,
167.8051, 325.3504

■ 0.7611, 0.2043,
7.2789

219.0886,

■ 0.0000, 0.0000,

207.0387, 387.3352

3.5561

264.8420,
251.9555, 456.7314

■ 0.0000, 0.0000,
1.3851

■ 0.0000, 0.0000,
0.1301

■ 35.1114, 30.2224,
85.6443

■ 35.1114, 30.2224,
85.6443

■ 28.6403, 22.4132,
84.4786

■ 43.1509, 39.8812,
87.0855

■ 23.6318, 16.3324,
83.5689

■ 52.8482, 51.4938,
88.8158

■ 19.9729, 11.8496,
82.8965

■ 64.2903, 65.1606,
90.8507

■ 17.5325, 8.8144,
82.4392

■ 77.5568, 80.9741,
93.2038

■ 16.1531, 7.0480,
82.1710

■ 92.5368, 98.9254,
95.8793

■ 15.6808, 6.4334,
82.0773

■ 92.5801, 99.0120,
95.8937

Harmonies

Analogous

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



27.4376, 30.2224, 92.5841



35.1114, 30.2224, 85.6443



42.0047, 30.2224, 62.5463

Triad

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



35.1114, 30.2224, 85.6443



37.7648, 30.2224, 9.5645



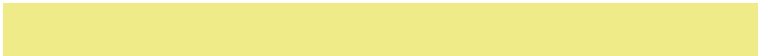
16.7422, 30.2224, 29.3023

Complementary

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



35.1114, 30.2224, 85.6443



69.7503, 79.5469, 34.9721

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.



18.5891, 30.2224, 14.5189



35.1114, 30.2224, 85.6443



30.0531, 30.2224, 6.6994

Square

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



35.1114, 30.2224, 85.6443



43.7120, 30.2224, 18.6120



23.1650, 30.2224, 8.0136



17.6279, 30.2224, 53.1119

Rectangle

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



35.1114, 30.2224, 85.6443



44.7855, 30.2224, 44.8654



23.1650, 30.2224, 8.0136



17.0530, 30.2224, 23.2882

Sweetspot

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



35.1126, 30.2235, 85.6450



74.5525, 75.5744, 105.2657



55.8507, 72.9000, 88.8572



15.2900, 15.3797, 22.4127



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.



35.1126, 30.2235, 85.6450



33.7930, 26.7072, 97.9817



43.7597, 33.8297, 85.8854



14.9465, 15.3270, 19.8923



8.6872, 3.5986, 45.3646



0.7399, 0.3338, 3.7796

Inverse Universe

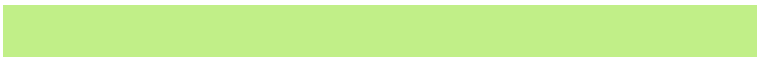
The Inverse Universe completely reimagines the original color for something new.



49.1354, 37.8539, 29.5286



52.1153, 36.8241, 24.6270



57.2148, 74.8030, 34.7171



15.7977, 15.7688, 16.4907



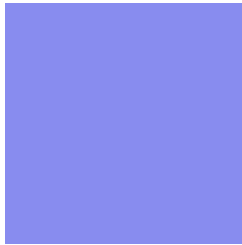
19.7105, 10.1566, 1.1262



1.6484, 0.8484, 0.1394

Previews

White Background



This preview shows how the XYZ color 35.1114, 30.2224, 85.6443 looks on a white background.

Color Contrast Check

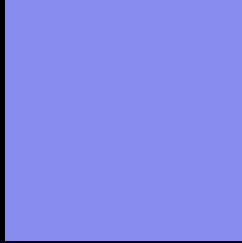
Large Text (above 18pt) WCAG AA × Fail

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 35.1114, 30.2224, 85.6443 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 35.1114, 30.2224, 85.6443

Background



This preview shows how black text looks on a background with the XYZ color 35.1114, 30.2224, 85.6443.



This preview shows how white text looks on a background with the XYZ color 35.1114, 30.2224,

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

35.1114, 30.2224, 85.6443

Protanopia

33.0384, 30.4044, 89.7153

Deuteranopia

31.2890, 30.3186, 84.3237



Tritanopia

26.1253, 30.0518, 41.4694

Trichromacy



Original Color

35.1114, 30.2224, 85.6443

Protanomaly

33.6080, 30.2793, 88.0775

Deuteranomaly

32.5216, 30.2415, 85.0120

Tritanomaly

28.9561, 29.9928, 55.3020

Monochromacy



Original Color

35.1114, 30.2224, 85.6443

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.3994, 29.9549, 48.4356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1114, 30.2224, 85.6443 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(136, 140, 239)` looks like.

```
.text, #text, p{  
    color:rgb(136, 140, 239)  
}
```

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(136, 140, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 140, 239) }
```

Border

The CSS property to change the border of an element to XYZ 35.1114, 30.2224, 85.6443 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(136, 140, 239) }
```


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

```
.border{ border-color:rgb(136, 140, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 140, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 140, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 140, 239);  
box-shadow:4px 4px 4px 4px rgb(136, 140,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1114, 30.2224, 85.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 140, 239) }
```

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

```
.background{ background-color: rgb(136,  
140, 239) }
```

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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