

Converting Colors

YUV(134.3870, 43.1932,
-40.6814)

Have a look what the booklet for
YUV(134.3870, 43.1932, -40.6814)
contains.

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Color

**YUV(134.3870, 43.1932,
-40.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	588DDE
RGB	88, 141, 222
RGB Percent	35%, 55%, 87%
CMY	0.6549, 0.4471, 0.1294
CMYK	0.60, 0.36, 0.00, 0.13
HSL	216°, 67%, 61%
HSV	216°, 60%, 87%
XYZ	26.7342, 26.3984, 72.7936
YIQ	134.3870, -57.5890, 13.9550

Conversions

Conversions Part 2

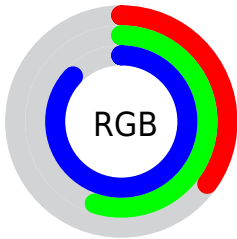
Format	Color
R_{YB}	88, 126, 222
Decimal	5803486
CIE _{Lab}	58.41, 6.85, -46.58
CIE _{LCh}	58, 47.083, 278.371
Yxy	26.3984, 0.2123, 0.2096
Android (android.graphics.Color)	4283993566 (0xFF588DDE)
YUV	134.3870, 43.1932, -40.6814
Hunter-Lab	51.3794, 2.9649, -48.0357

Details

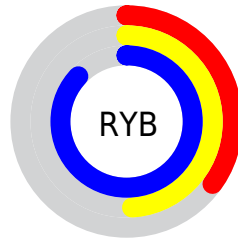
The YUV color $134.3870, 43.1932, -40.6814$ is a dark color, and the websafe version is hex $6699FF$. The color can be described as middle muted azure. A complement of this color would be $175.6130, -43.1932, 40.6814$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.2000, 33.4254, -34.3784$, and $72.3410, 46.1739, -63.4431$ is the 20% darker color. If you saturate the color by 10%, you get $120.1780, 50.1982, -47.5141$, and if you desaturate by 10%, it is $148.5960, 36.1882, -33.8487$.

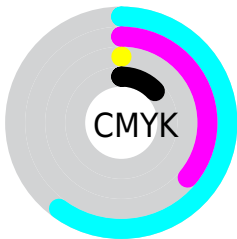
Distribution



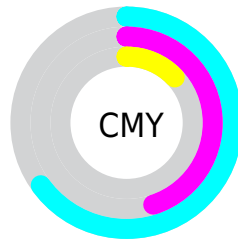
- Red (35%)
- Green (55%)
- Blue (87%)



- Red (35%)
- Yellow (49%)
- Blue (87%)



- Cyan (60%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3870, 43.1932, -40.6814 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 YUV color 134.3870, 43.1932, -40.6814 by changing the saturation by 10% instead.

■ 134.3870, 43.1932,
-40.6814

■ 134.3870, 43.1932,
-40.6814

255.0000, 0.0000,
0.0000

■ 106.6530, 43.0621,
-45.2997

■ 187.2000, 33.4254,
-34.3784

■ 72.3410, 46.1739,
-63.4431

■ 212.3070, 21.0476,
-30.9642

■ 55.8760, 41.4731,
-49.0033

■ 238.3000, 8.2331,
-27.4501

■ 40.5850, 36.1936,
-35.5930

■ 249.6180, 2.6533,
-11.0660

■ 25.9950, 31.0615,
-22.7976

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 134.3870, 43.1932,
-40.6814

■ 134.3870, 43.1932,
-40.6814

■ 120.1780, 50.1982,
-47.5141

■ 148.5960, 36.1882,
-33.8487

■ 105.3820, 57.4927,
-53.8320

■ 163.3920, 28.8937,
-27.5308

■ 90.8740, 64.6451,
-61.2795

■ 177.9000, 21.7413,
-20.0833

■ 76.9640, 71.5027,
-67.4974

■ 192.6960, 14.4469,
-13.7654

■ 206.9050, 7.4418,
-6.9327

■ 221.7010, 0.1474,
-0.6148

■ 235.9100, -6.8576,
6.2179

■ 247.1290,
-12.3886, 6.9029

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



114.5490, 50.5083, -100.4595



134.3870, 43.1932, -40.6814



144.2860, 29.9320, 12.9042

Triad

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



134.3870, 43.1932, -40.6814



140.0930, -24.2028, 63.0624



118.9150, -4.8881, -65.7005

Complementary

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



134.3870, 43.1932, -40.6814



175.6130, -43.1932, 40.6814

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.



130.7240, -28.4579, -19.0519



134.3870, 43.1932, -40.6814



137.9430, -36.9469, 43.9000

Square

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



134.3870, 43.1932, -40.6814



141.3380, -5.5896, 66.3556



135.3710, -39.6229, 15.4606



111.7210, 19.3645, -97.9793

Rectangle

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



134.3870, 43.1932, -40.6814



144.4050, 19.5203, 39.1098



135.3710, -39.6229, 15.4606



124.2180, -14.4045, -46.6722

Sweetspot

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



134.3870, 43.1932, -40.6814



224.8100, 14.8837, -13.8654



175.7780, -3.8346, -76.9813



109.3500, 9.1945, -9.0769



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



134.3870, 43.1932, -40.6814



134.8270, 59.2453, -55.9763



107.1630, 56.6146, -5.4050



104.6020, 3.6472, -3.1590



61.1540, 56.6191, -53.6321



16.6250, 15.4679, -14.5801

Inverse Universe

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



134.1080, 3.3978, 77.0813



134.3380, 4.7634, 105.8206



202.8370, -56.6146, 5.4050



104.7450, 0.1257, 6.3626



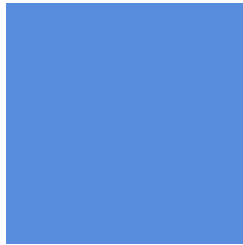
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 134.3870, 43.1932, -40.6814 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 134.3870, 43.1932, -40.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

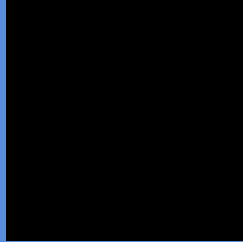
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.3870, 43.1932, -40.6814

Background



This preview shows how black text looks on a background with the YUV color 134.3870, 43.1932, -40.6814.



This preview shows how white text looks on a background with the YUV color 134.3870, 43.1932, -40.6814.

-40.6814.

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

134.3870, 43.1932, -40.6814

Protanopia

138.2750, 39.7974, -24.7972

Deuteranopia

135.2950, 42.7456, -37.0927



Tritanopia

127.1590, 18.6556, -57.1444

Trichromacy



Original Color

134.3870, 43.1932, -40.6814

Protanomaly

136.5840, 41.1241, -30.3302

Deuteranomaly

134.6970, 43.0404, -38.3223

Tritanomaly

129.8960, 27.6593, -51.6518

Monochromacy



Original Color

134.3870, 43.1932, -40.6814

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.3260, 15.6153, -15.1949

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3870, 43.1932, -40.6814 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(88, 141, 222)` looks like.

```
.text, #text, p{  
    color:rgb(88, 141, 222)  
}
```

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(88, 141, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 141, 222) }
```

Border

The CSS property to change the border of an element to YUV 134.3870, 43.1932, -40.6814 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(88, 141, 222) }
```


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

```
.border{ border-color:rgb(88, 141, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 141, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 141, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 141, 222);  
box-shadow:4px 4px 4px 4px rgb(88, 141,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 134.3870, 43.1932, -40.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 141, 222) }
```

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

```
.background{ background-color: rgb(88, 141,  
222) }
```

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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