

Converting Colors

YUV(144.6940, 50.9299,
-48.8436)

Have a look what the booklet for
YUV(144.6940, 50.9299, -48.8436)
contains.

YUV(144.6940, 50.9299, -48.8436)	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

**YUV(144.6940, 50.9299,
-48.8436)**

Conversions

Conversions Part 1

Format	Color
Hex	5999F8
RGB	89, 153, 248
RGB Percent	35%, 60%, 97%
CMY	0.6510, 0.4000, 0.0275
CMYK	0.64, 0.38, 0.00, 0.03
HSL	216°, 92%, 66%
HSV	216°, 64%, 97%
XYZ	32.4543, 31.6836, 93.2120
YIQ	144.6940, -68.6390, 15.9770

Conversions

Conversions Part 2

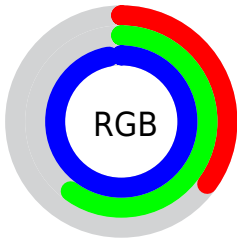
Format	Color
R _Y B	89, 135, 248
Decimal	5872120
CIE Lab	63.08, 8.61, -53.56
CIE LCh	63, 54.246, 279.132
Yxy	31.6836, 0.2063, 0.2014
Android (android.graphics.Color)	4284062200 (0xFF5999F8)
YUV	144.6940, 50.9299, -48.8436
Hunter-Lab	56.2882, 4.4141, -58.7811

Details

The YUV color **144.6940, 50.9299, -48.8436** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **192.3060, -50.9299, 48.8436**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0270, 29.0737, -38.6117**, and **82.2350, 53.6211, -72.1201** is the 20% darker color. If you saturate the color by 10%, you get **128.4140, 58.9559, -56.4911**, and if you desaturate by 10%, it is **160.9740, 42.9038, -41.1962**.

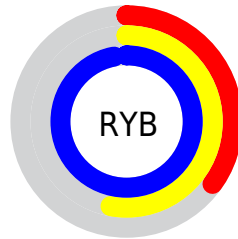
Distribution



Red (35%)

Green (60%)

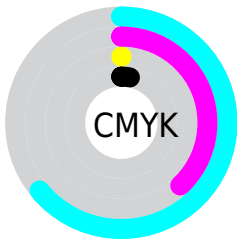
Blue (97%)



Red (35%)

Yellow (53%)

Blue (97%)

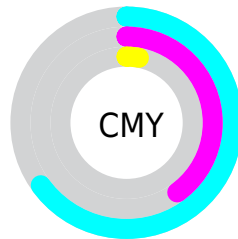


Cyan (64%)

Magenta (38%)

Yellow (0%)

Black (3%)



Cyan (65%)

Magenta (40%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6940, 50.9299, -48.8436 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 144.6940, 50.9299, -48.8436 by changing the saturation by 10% instead.

■ 144.6940, 50.9299,
-48.8436

■ 144.6940, 50.9299,
-48.8436

255.0000, 0.0000,
0.0000

■ 115.0630, 51.2409,
-55.3063

■ 196.0270, 29.0737,
-38.6117

■ 82.2350, 53.6211,
-72.1201

■ 221.4330, 16.5485,
-34.5827

■ 64.9550, 48.3362,
-56.9655

■ 242.4420, 6.1911,
-25.8206

■ 49.0770, 43.3460,
-43.0405

■ 251.4120, 1.7689,
-7.3773

■ 34.3730, 37.7771,
-30.1451

■ 18.6090, 33.2238,
-16.3201

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 144.6940, 50.9299,
-48.8436

■ 144.6940, 50.9299,
-48.8436

■ 128.4140, 58.9559,
-56.4911

■ 160.9740, 42.9038,
-41.1962

■ 112.1340, 66.9819,
-64.1385

■ 177.2540, 34.8778,
-33.5488

■ 96.7400, 74.5712,
-71.6860

■ 192.6480, 27.2885,
-26.0013

■ 86.9720, 79.3868,
-76.2744

■ 208.9280, 19.2625,
-18.3539

■ 225.2080, 11.2365,
-10.7064

■ 241.4880, 3.2104,
-3.0590

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



125.6170, 57.3768, -110.1661



144.6940, 50.9299, -48.8436



156.9750, 35.0153, 15.8079

Triad

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



144.6940, 50.9299, -48.8436



151.1220, -28.1611, 72.6840



120.7440, -2.3388, -90.1065

Complementary

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



144.6940, 50.9299, -48.8436



192.3060, -50.9299, 48.8436

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.



140.2520, -32.6622, -23.9000



144.6940, 50.9299, -48.8436



149.7390, -44.2413, 50.2179

Square

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



144.6940, 50.9299, -48.8436



152.0020, -5.9170, 78.0512



146.1340, -46.9011, 16.5455



122.2360, 21.5757, -107.2010

Rectangle

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



144.6940, 50.9299, -48.8436



156.9590, 22.6982, 46.5170



146.1340, -46.9011, 16.5455



132.2120, -15.3875, -58.0679

Sweetspot

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



144.6940, 50.9299, -48.8436



223.6250, 15.4679, -14.5801



192.9350, -5.3910, -91.1510



108.4640, 9.6312, -9.1769



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.



144.6940, 50.9299, -48.8436



127.7170, 62.7505, -60.2648



111.0130, 67.5346, -7.9044



116.4170, 4.2314, -3.8737



66.1580, 60.5611, -58.0206



21.6290, 19.4099, -18.9686

Inverse Universe

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



143.8370, 4.5174, 91.3510



126.6100, 5.6153, 112.5980



225.9870, -67.5346, 7.9044



116.4570, 0.2677, 7.4922



65.1750, 5.3367, 108.5945



21.0890, 1.9281, 35.0019

Previews

White Background



This preview shows how the YUV color 144.6940, 50.9299, -48.8436 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 YUV color 144.6940, 50.9299, -48.8436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

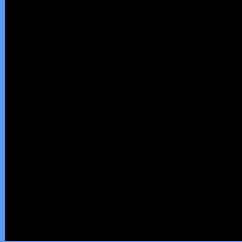
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

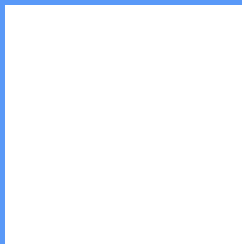
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.6940, 50.9299, -48.8436

Background



This preview shows how black text looks on a background with the YUV color 144.6940, 50.9299, -48.8436.



This preview shows how white text looks on a background with the YUV color 144.6940, 50.9299, -48.8436.

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

144.6940, 50.9299, -48.8436

Protanopia

149.6640, 46.5076, -30.4003

Deuteranopia

145.5910, 50.4876, -46.9993



Tritanopia

134.2110, 23.0670, -72.0990

Trichromacy



Original Color

144.6940, 50.9299, -48.8436

Protanomaly

147.6740, 47.9817, -36.5481

Deuteranomaly

145.2920, 50.6350, -47.6141

Tritanomaly

137.8990, 33.0808, -63.9324

Monochromacy



Original Color

144.6940, 50.9299, -48.8436

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9990, 18.2415, -17.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6940, 50.9299, -48.8436 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(89, 153, 248)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 248)  
}
```

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(89, 153, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 248) }
```

Border

The CSS property to change the border of an element to YUV 144.6940, 50.9299, -48.8436 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

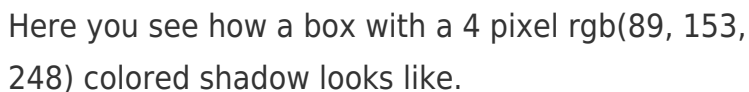
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 153, 248) }
```


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

```
.border{ border-color:rgb(89, 153, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 153, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 153, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 153, 248); box-shadow:4px 4px 4px 4px rgb(89, 153, 248) }
```

Background

The CSS property to change the background color of an element to YUV 144.6940, 50.9299, -48.8436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 248) }
```

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

```
.background{ background-color: rgb(89, 153,  
248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor