

Converting Colors

YUV(144.8000, 50.3846,
-13.8566)

Have a look what the booklet for
YUV(144.8000, 50.3846, -13.8566)
contains.

YUV(144.8000, 50.3846, -13.8566)	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(144.8000, 50.3846,
-13.8566)**

Conversions

Conversions Part 1

Format	Color
Hex	8185F7
RGB	129, 133, 247
RGB Percent	51%, 52%, 97%
CMY	0.4941, 0.4784, 0.0314
CMYK	0.48, 0.46, 0.00, 0.03
HSL	238°, 88%, 74%
HSV	238°, 48%, 97%
XYZ	34.2293, 28.1576, 91.6266
YIQ	144.8000, -38.9780, 34.6060

Conversions

Conversions Part 2

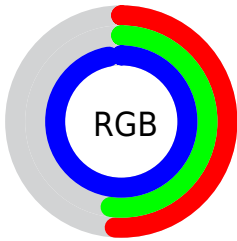
Format	Color
R _Y B	129, 133, 247
Decimal	8488439
CIE Lab	60.03, 28.01, -57.73
CIE LCh	60, 64.171, 295.883
Yxy	28.1576, 0.2222, 0.1828
Android (android.graphics.Color)	4286678519 (0xFF8185F7)
YUV	144.8000, 50.3846, -13.8566
Hunter-Lab	53.0637, 22.2817, -65.2330

Details

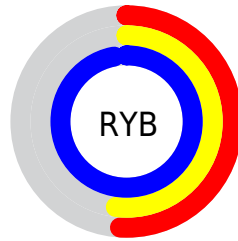
The YUV color **144.8000, 50.3846, -13.8566** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **231.2000, -50.3846, 13.8566**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1650, 29.9917, -6.2837**, and **91.5990, 48.5117, -19.8193** is the 20% darker color. If you saturate the color by 10%, you get **123.2370, 61.0152, -16.8708**, and if you desaturate by 10%, it is **166.3630, 39.7540, -10.8424**.

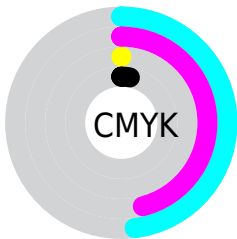
Distribution



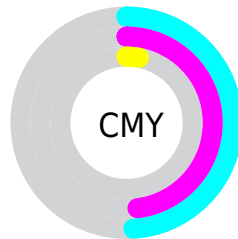
- Red (51%)
- Green (52%)
- Blue (97%)



- Red (51%)
- Yellow (52%)
- Blue (97%)



- Cyan (48%)
- Magenta (46%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (48%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.8000, 50.3846, -13.8566 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 144.8000, 50.3846, -13.8566 by changing the saturation by 10% instead.

■ 144.8000, 50.3846,
-13.8566

■ 144.8000, 50.3846,
-13.8566

255.0000, 0.0000,
0.0000

■ 118.1480, 49.2270,
-15.9158

■ 194.1650, 29.9917,
-6.2837

■ 91.5990, 48.5117,
-19.8193

■ 219.5710, 17.4665,
-2.2548

■ 64.1420, 48.2440,
-27.3115

■ 244.9770, 4.9413,
1.7742

■ 38.2830, 47.6815,
-33.5742

■ 24.1660, 41.8232,
-21.1936

■ 9.6900, 37.1278,
-8.4981

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 144.8000, 50.3846,
-13.8566

■ 144.8000, 50.3846,
-13.8566

■ 123.2370, 61.0152,
-16.8708

■ 166.3630, 39.7540,
-10.8424

■ 101.9730, 71.4983,
-19.2703

■ 187.6270, 29.2709,
-8.4429

■ 80.4100, 82.1289,
-22.2846

■ 209.1900, 18.6403,
-5.4286

■ 59.4340, 92.4700,
-25.8136

■ 230.1660, 8.2992,
-1.8996

■ 37.8710, 103.1006,
-28.8279

■ 251.4300, -2.1840,
0.4999

■ 32.8540, 105.5740,
-28.8130

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



119.4680, 66.8173, -104.7734



144.8000, 50.3846, -13.8566



147.9300, 30.1075, 50.0504

Triad

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



144.8000, 50.3846, -13.8566



140.3440, -45.0326, 70.7353



115.1800, 9.7713, -101.0129

Complementary

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



144.8000, 50.3846, -13.8566



231.2000, -50.3846, 13.8566

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.



117.5820, -20.0069, -69.7934



144.8000, 50.3846, -13.8566



135.6840, -64.4272, 37.9881

Square

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



144.8000, 50.3846, -13.8566



139.4200, -19.9271, 91.7167



132.0250, -51.7773, -6.1609



122.3790, 34.8162, -107.3264

Rectangle

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



144.8000, 50.3846, -13.8566



144.0940, 14.7437, 77.9706



132.0250, -51.7773, -6.1609



112.3130, 1.3247, -98.4985

Sweetspot

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



144.8000, 50.3846, -13.8566



224.2780, 15.1459, -4.6288



211.0340, 14.7732, -71.9438



109.0950, 9.3202, -2.7143



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.



144.8000, 50.3846, -13.8566



129.4650, 61.8888, -17.0708



158.2990, 43.7296, 20.7858



111.9550, 4.9522, -1.7145



24.7260, 79.5081, -21.6847



7.9000, 25.1923, -6.9283

Inverse Universe

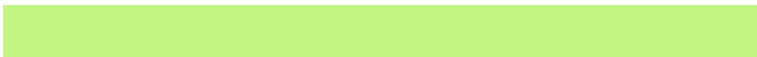
The Inverse Universe completely reimagines the original color for something new.



164.7380, -15.6468, 72.1438



153.9250, -19.1900, 88.6428



217.7010, -43.7296, -20.7858



113.7020, -1.3321, 7.2773



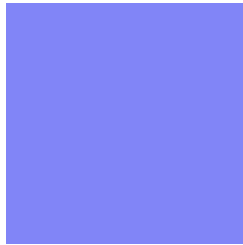
56.2980, -24.7969, 113.7487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 144.8000, 50.3846, -13.8566 looks on a white background.

Color Contrast Check

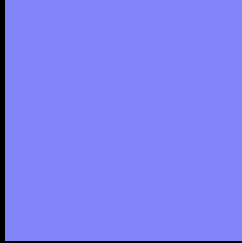
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.8000, 50.3846, -13.8566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

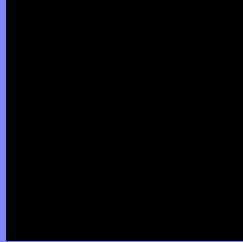
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.8000, 50.3846, -13.8566

Background



This preview shows how black text looks on a background with the YUV color 144.8000, 50.3846, -13.8566.



This preview shows how white text looks on a background with the YUV color 144.8000, 50.3846, -13.8566.

-13.8566.

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

144.8000, 50.3846, -13.8566

Protanopia

139.2310, 56.5811, -41.4216

Deuteranopia

135.3450, 53.5669, -54.6766



Tritanopia

139.3150, 12.1697, -30.0943

Trichromacy



Original Color

144.8000, 50.3846, -13.8566

Protanomaly

141.0150, 54.2226, -31.5852

Deuteranomaly

138.5040, 52.5025, -39.9070

Tritanomaly

141.3170, 25.9727, -23.9570

Monochromacy



Original Color

144.8000, 50.3846, -13.8566

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0760, 18.2035, -5.3287

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.8000, 50.3846, -13.8566 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, 133, 247)` looks like.

```
.text, #text, p{  
    color:rgb(129, 133, 247)  
}
```

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, 133, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 133, 247) }
```

Border

The CSS property to change the border of an element to YUV 144.8000, 50.3846, -13.8566 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, 133, 247) }
```


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

```
.border{ border-color:rgb(129, 133, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 133, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 133, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 133, 247);  
box-shadow:4px 4px 4px 4px rgb(129, 133,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 144.8000, 50.3846, -13.8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 133, 247) }
```

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

```
.background{ background-color: rgb(129,  
133, 247) }
```

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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