

Converting Colors

YUV(146.8780, 25.2031,
-10.4170)

Have a look what the booklet for
YUV(146.8780, 25.2031, -10.4170)
contains.

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Color

**YUV(146.8780, 25.2031,
-10.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	878FC6
RGB	135, 143, 198
RGB Percent	53%, 56%, 78%
CMY	0.4706, 0.4392, 0.2235
CMYK	0.32, 0.28, 0.00, 0.22
HSL	232°, 36%, 65%
HSV	232°, 32%, 78%
XYZ	30.0072, 28.8730, 57.4176
YIQ	146.8780, -22.4230, 15.4090

Conversions

Conversions Part 2

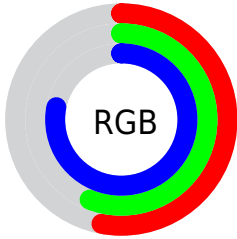
Format	Color
R_{YB}	135, 142, 198
Decimal	8884166
CIE _{Lab}	60.67, 9.99, -29.39
CIE _{LCh}	61, 31.044, 288.768
Yxy	28.8730, 0.2580, 0.2483
Android (android.graphics.Color)	4287074246 (0xFF878FC6)
YUV	146.8780, 25.2031, -10.4170
Hunter-Lab	53.7336, 5.6482, -25.7413

Details

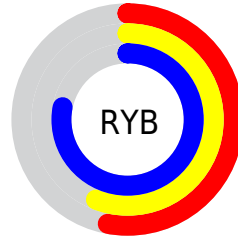
The YUV color **146.8780, 25.2031, -10.4170** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.1220, -25.2031, 10.4170**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5190, 26.3661, -10.1022**, and **95.8240, 23.7508, -11.2466** is the 20% darker color. If you saturate the color by 10%, you get **130.9190, 33.0709, -13.9610**, and if you desaturate by 10%, it is **162.8370, 17.3354, -6.8730**.

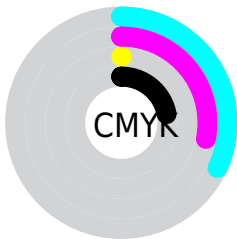
Distribution



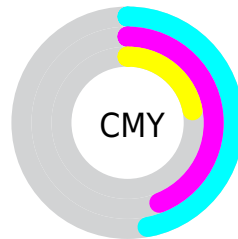
- Red (53%)
- Green (56%)
- Blue (78%)



- Red (53%)
- Yellow (56%)
- Blue (78%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8780, 25.2031, -10.4170 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 146.8780, 25.2031, -10.4170 by changing the saturation by 10% instead.

■ 146.8780, 25.2031,
-10.4170

■ 146.8780, 25.2031,
-10.4170

255.0000, 0.0000,
0.0000

■ 120.7640, 24.7663,
-10.3170

■ 201.5190, 26.3661,
-10.1022

■ 95.8240, 23.7508,
-11.2466

■ 226.3270, 14.1358,
-7.3028

■ 71.2970, 23.0246,
-11.6615

■ 251.4340, 1.7580,
-3.8886

■ 47.7590, 22.3038,
-13.8206

■ 24.0140, 22.1781,
-20.1833

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 146.8780, 25.2031,
-10.4170

■ 146.8780, 25.2031,
-10.4170

■ 130.9190, 33.0709,
-13.9610

■ 162.8370, 17.3354,
-6.8730

■ 114.3730, 41.2281,
-16.9901

■ 179.3830, 9.1782,
-3.8439

■ 98.7130, 48.9485,
-19.9193

■ 195.0430, 1.4578,
-0.9147

■ 82.7540, 56.8163,
-23.4633

■ 211.0020, -6.4100,
2.6292

■ 66.7950, 64.6841,
-27.0072

■ 226.9610,
-14.2778, 6.1732

■ 50.2490, 72.8412,
-30.0364

■ 243.5070,
-22.4350, 9.2024

■ 37.2470, 79.2512,
-32.6656

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



139.2330, 29.9581, -42.3003



146.8780, 25.2031, -10.4170



150.0620, 16.2384, 18.3626

Triad

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



146.8780, 25.2031, -10.4170



147.2750, -20.3486, 40.1008



134.4150, 0.2884, -45.9680

Complementary

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



146.8780, 25.2031, -10.4170



186.1220, -25.2031, 10.4170

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.



139.2690, -14.9226, -20.4069



146.8780, 25.2031, -10.4170



145.3950, -25.8307, 25.0866

Square

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



146.8780, 25.2031, -10.4170



148.5820, -9.1609, 45.0936



142.7190, -24.0185, 3.7544



128.3380, 17.0884, -67.8254

Rectangle

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



146.8780, 25.2031, -10.4170



150.0870, 8.3381, 32.3727



142.7190, -24.0185, 3.7544



136.3900, -5.1223, -37.1760

Sweetspot

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



146.8780, 25.2031, -10.4170



234.6110, 10.0518, -4.0438



178.2510, 5.7923, -37.9311



114.9980, 6.4100, -2.6292



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.



146.8780, 25.2031, -10.4170



176.1020, 38.8967, -15.8755



149.0590, 24.1279, 7.8413



91.6130, 3.6418, -1.4146



30.9090, 65.1209, -27.1072



7.0390, 14.2778, -6.1732

Inverse Universe

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



154.7490, -5.7923, 37.9311



188.3710, -9.0569, 58.4336



183.9410, -24.1279, -7.8413



92.8050, -0.8899, 5.4330



51.1310, -14.8546, 98.1091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 146.8780, 25.2031, -10.4170 looks on a white background.

Color Contrast Check

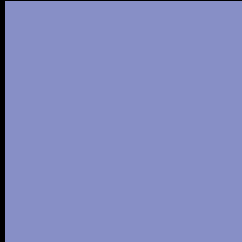
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.8780, 25.2031, -10.4170 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 146.8780, 25.2031, -10.4170

Background



This preview shows how black text looks on a background with the YUV color 146.8780, 25.2031, -10.4170.



This preview shows how white text looks on a background with the YUV color 146.8780, 25.2031, -10.4170.

-10.4170.

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

146.8780, 25.2031, -10.4170

Protanopia

146.0840, 26.0876, -14.1057

Deuteranopia

146.2690, 25.5034, -13.3909



Tritanopia

144.4910, 8.6319, -15.3396

Trichromacy



Original Color

146.8780, 25.2031, -10.4170

Protanomaly

146.6820, 25.7928, -12.8761

Deuteranomaly

146.5680, 25.3560, -12.7761

Tritanomaly

145.1090, 14.7363, -13.2506

Monochromacy



Original Color

146.8780, 25.2031, -10.4170

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.3830, 9.1782, -3.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8780, 25.2031, -10.4170 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(135, 143, 198)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 198)  
}
```

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(135, 143, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 198) }
```

Border

The CSS property to change the border of an element to YUV 146.8780, 25.2031, -10.4170 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(135, 143, 198) }
```


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

```
.border{ border-color:rgb(135, 143, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 143, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 198);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 146.8780, 25.2031, -10.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 143, 198) }
```

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

```
.background{ background-color: rgb(135,  
143, 198) }
```

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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