

Converting Colors

YUV(146.6760, 28.2607,
-11.1169)

Have a look what the booklet for
YUV(146.6760, 28.2607, -11.1169)
contains.

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Color

**YUV(146.6760, 28.2607,
-11.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	868ECC
RGB	134, 142, 204
RGB Percent	53%, 56%, 80%
CMY	0.4745, 0.4431, 0.2000
CMYK	0.34, 0.30, 0.00, 0.20
HSL	233°, 41%, 66%
HSV	233°, 34%, 80%
XYZ	30.4036, 28.7740, 61.0782
YIQ	146.6760, -24.6700, 17.5860

Conversions

Conversions Part 2

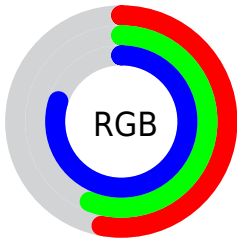
Format	Color
RYB	134, 141, 204
Decimal	8818380
CIELab	60.58, 11.86, -32.91
CIElCh	61, 34.979, 289.818
Yxy	28.7740, 0.2528, 0.2393
Android (android.graphics.Color)	4287008460 (0xFF868ECC)
YUV	146.6760, 28.2607, -11.1169
Hunter-Lab	53.6414, 7.3003, -29.9610

Details

The YUV color **146.6760, 28.2607, -11.1169** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **191.3240, -28.2607, 11.1169**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6330, 26.8029, -10.2021**, and **95.3230, 26.9558, -12.5613** is the 20% darker color. If you saturate the color by 10%, you get **130.1300, 36.4179, -14.1460**, and if you desaturate by 10%, it is **163.2220, 20.1036, -8.0877**.

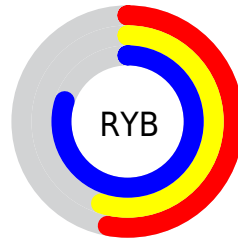
Distribution



Red (53%)

Green (56%)

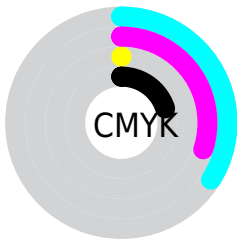
Blue (80%)



Red (53%)

Yellow (55%)

Blue (80%)

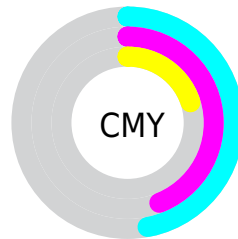


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6760, 28.2607, -11.1169 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 146.6760, 28.2607, -11.1169 by changing the saturation by 10% instead.

■ 146.6760, 28.2607,
-11.1169

■ 146.6760, 28.2607,
-11.1169

255.0000, 0.0000,
0.0000

■ 120.7360, 27.2452,
-12.0465

■ 200.6330, 26.8029,
-10.2021

■ 95.3230, 26.9558,
-12.5613

■ 224.8540, 14.8620,
-6.8880

■ 71.2690, 25.5034,
-13.3909

■ 250.5480, 2.1948,
-3.9886

■ 47.1330, 25.0774,
-16.7796

■ 23.6980, 24.7989,
-20.7831

■ 5.8140, 22.2767,
-5.0989

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 146.6760, 28.2607,
-11.1169

■ 146.6760, 28.2607,
-11.1169

■ 130.1300, 36.4179,
-14.1460

■ 163.2220, 20.1036,
-8.0877

■ 113.2850, 44.7225,
-17.7899

■ 180.0670, 11.7990,
-4.4438

■ 96.7390, 52.8797,
-20.8191

■ 196.6130, 3.6418,
-1.4146

■ 79.8940, 61.1843,
-24.4630

■ 213.4580, -4.6628,
2.2293

■ 63.3480, 69.3414,
-27.4922

■ 230.0040,
-12.8200, 5.2585

■ 46.8020, 77.4986,
-30.5214

■ 246.2510,
-20.8297, 7.6729

■ 36.7570, 82.4508,
-32.2359

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



136.9270, 34.0530, -49.0480



146.6760, 28.2607, -11.1169



150.4260, 17.5380, 21.5514

Triad

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



146.6760, 28.2607, -11.1169



146.6130, -22.9802, 44.1894



131.0010, 1.4785, -54.3749

Complementary

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



146.6760, 28.2607, -11.1169



191.3240, -28.2607, 11.1169

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.



137.6060, -16.0748, -24.2105



146.6760, 28.2607, -11.1169



145.0810, -29.6199, 27.1160

Square

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



146.6760, 28.2607, -11.1169



148.2730, -10.4876, 50.6266



142.2090, -27.2180, 3.3247



116.1110, 24.5953, -95.6903

Rectangle

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



146.6760, 28.2607, -11.1169



150.2340, 8.7586, 37.5058



142.2090, -27.2180, 3.3247



133.7590, -4.8112, -43.6386

Sweetspot

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



146.6760, 28.2607, -11.1169



234.0240, 10.3412, -3.5290



182.1580, 6.8241, -42.2346



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.



146.6760, 28.2607, -11.1169



169.0140, 42.3911, -16.6753



150.0530, 26.5959, 9.6005



93.7270, 4.0786, -1.5146



30.0770, 67.0100, -26.3775



6.6800, 15.4408, -5.8584

Inverse Universe

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



155.8420, -6.8241, 42.2346



182.7630, -10.2362, 63.3518



187.9470, -26.5959, -9.6005



95.1040, -1.0373, 6.0478



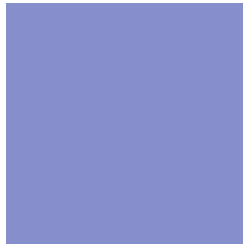
51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 146.6760, 28.2607, -11.1169 looks on a white background.

Color Contrast Check

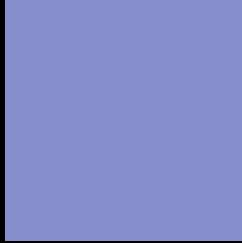
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6760, 28.2607, -11.1169 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 146.6760, 28.2607, -11.1169 Background



This preview shows how black text looks on a background with the YUV color 146.6760, 28.2607, -11.1169.



This preview shows how white text looks on a background with the YUV color 146.6760, 28.2607, -11.1169.

-11.1169.

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

146.6760, 28.2607, -11.1169

Protanopia

145.8710, 29.1506, -16.5499

Deuteranopia

145.4580, 28.8612, -17.0647



Tritanopia

143.8930, 8.9268, -16.5692

Trichromacy



Original Color

146.6760, 28.2607, -11.1169

Protanomaly

146.1810, 28.9978, -14.1907

Deuteranomaly

145.7680, 28.7084, -14.7055

Tritanomaly

144.7390, 15.9047, -14.6801

Monochromacy



Original Color

146.6760, 28.2607, -11.1169

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7250, 10.4886, -4.1438

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6760, 28.2607, -11.1169 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(134, 142, 204)` looks like.

```
.text, #text, p{  
    color:rgb(134, 142, 204)  
}
```

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(134, 142, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 142, 204) }
```

Border

The CSS property to change the border of an element to YUV 146.6760, 28.2607, -11.1169 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(134, 142, 204) }
```


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

```
.border{ border-color:rgb(134, 142, 204) }
```

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

Here you see how a box with a 4 pixel rgb(134, 142, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 142, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 142, 204);  
box-shadow:4px 4px 4px 4px rgb(134, 142,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 146.6760, 28.2607, -11.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 142, 204) }
```

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

```
.background{ background-color: rgb(134,  
142, 204) }
```

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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