

Converting Colors

YUV(186.8110, 13.4042,
-5.9732)

Have a look what the booklet for
YUV(186.8110, 13.4042, -5.9732)
contains.

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Color

**YUV(186.8110, 13.4042,
-5.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B9D6
RGB	180, 185, 214
RGB Percent	71%, 73%, 84%
CMY	0.2941, 0.2745, 0.1608
CMYK	0.16, 0.14, 0.00, 0.16
HSL	231°, 29%, 77%
HSV	231°, 16%, 84%
XYZ	48.3090, 49.2563, 70.5796
YIQ	186.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

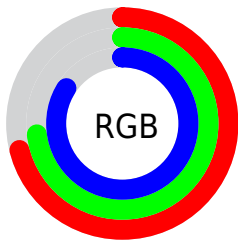
Format	Color
RYB	180, 184, 214
Decimal	11844054
CIELab	75.61, 4.15, -15.14
CIELCh	76, 15.699, 285.336
Yxy	49.2563, 0.2873, 0.2929
Android (android.graphics.Color)	4290034134 (0xFFB4B9D6)
YUV	186.8110, 13.4042, -5.9732
Hunter-Lab	70.1828, 0.0470, -10.4972

Details

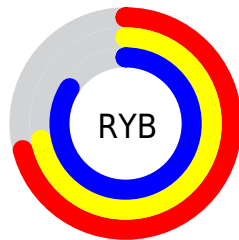
The YUV color **186.8110, 13.4042, -5.9732** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **207.1890, -13.4042, 5.9732**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1010, 6.8522, -4.4736**, and **133.5830, 12.5306, -5.7733** is the 20% darker color. If you saturate the color by 10%, you get **169.9660, 21.7088, -9.6172**, and if you desaturate by 10%, it is **203.6560, 5.0996, -2.3293**.

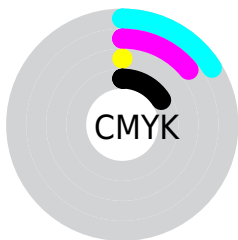
Distribution



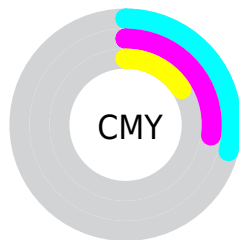
- Red (71%)
- Green (73%)
- Blue (84%)



- Red (71%)
- Yellow (72%)
- Blue (84%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8110, 13.4042, -5.9732 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 186.8110, 13.4042, -5.9732 by changing the saturation by 10% instead.

■ 186.8110, 13.4042,
-5.9732

■ 186.8110, 13.4042,
-5.9732

255.0000, 0.0000,
0.0000

■ 159.6970, 12.9674,
-5.8733

■ 241.1010, 6.8522,
-4.4736

■ 133.5830, 12.5306,
-5.7733

■ 108.4690, 12.0938,
-5.6733

■ 84.0560, 11.8044,
-6.1881

■ 60.8280, 10.9308,
-5.9882

■ 38.7140, 10.4940,
-5.8882

■ 17.3010, 10.2046,

-6.4030

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 186.8110, 13.4042,
-5.9732

■ 186.8110, 13.4042,
-5.9732

■ 169.9660, 21.7088,
-9.6172

■ 203.6560, 5.0996,
-2.3293

■ 152.2350, 30.4501,
-13.3611

■ 221.3870, -3.6418,
1.4146

■ 135.3900, 38.7547,
-17.0050

■ 238.2320,
-11.9464, 5.0585

■ 118.2460, 47.2067,
-21.2637

■ 250.3260,
-17.9087, 4.0991

■ 101.4010, 55.5113,
-24.9077

■ 83.9690, 64.1053,
-28.0368

■ 66.8250, 72.5573,
-32.2955

■ 49.9800, 80.8619,
-35.9395

■ 42.5930, 84.5037,
-37.3541

Harmonies

Analogous

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



184.3640, 14.6105, -19.6132



186.8110, 13.4042, -5.9732



188.4600, 9.1402, 8.3666

Triad

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



186.8110, 13.4042, -5.9732



188.2820, -10.9850, 23.4317



181.4120, -1.6821, -20.5323

Complementary

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



186.8110, 13.4042, -5.9732



207.1890, -13.4042, 5.9732

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.



183.3550, -8.5560, -9.0813



186.8110, 13.4042, -5.9732



186.8420, -13.7261, 15.9246

Square

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



186.8110, 13.4042, -5.9732



188.6010, -4.7333, 24.9059



185.1780, -13.3988, 4.2289



181.3170, 5.7597, -27.4650

Rectangle

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



186.8110, 13.4042, -5.9732



189.3640, 4.7505, 16.3438



185.1780, -13.3988, 4.2289



182.4510, -4.1663, -17.0585

Sweetspot

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



186.8110, 13.4042, -5.9732



244.6560, 5.0996, -2.3293



203.2640, 2.8278, -20.4025



121.4990, 3.2050, -1.3146



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.



186.8110, 13.4042, -5.9732



216.5810, 18.9406, -8.4025



187.4640, 13.0822, 3.9781



98.4280, 4.2260, -2.1294



34.1690, 67.4577, -29.9662



8.4240, 17.0460, -7.3878

Inverse Universe

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



190.7360, -2.8278, 20.4025



222.1500, -4.0179, 28.8095



206.5360, -13.0822, -3.9781



99.5170, -0.7479, 6.5626



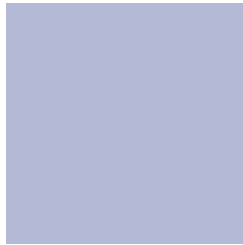
53.9790, -14.2866, 102.6274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 186.8110, 13.4042, -5.9732 looks on a white background.

Color Contrast Check

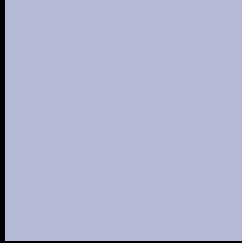
Large Text (above 18pt) WCAG AA × Fail

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 186.8110, 13.4042, -5.9732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

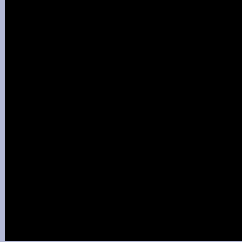
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.8110, 13.4042, -5.9732

Background



This preview shows how black text looks on a background with the YUV color 186.8110, 13.4042, -5.9732.



This preview shows how white text looks on a background with the YUV color 186.8110, 13.4042, -5.9732.

-5.9732.

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

186.8110, 13.4042, -5.9732

Protanopia

187.1100, 13.2568, -5.3585

Deuteranopia

188.4530, 13.0877, 2.2337



Tritanopia

186.0190, 7.8786, -7.0327

Trichromacy



Original Color

186.8110, 13.4042, -5.9732

Protanomaly

187.1100, 13.2568, -5.3585

Deuteranomaly

187.8440, 13.3879, -0.7402

Tritanomaly

186.1870, 9.7678, -6.3030

Monochromacy



Original Color

186.8110, 13.4042, -5.9732

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6560, 5.0996, -2.3293

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8110, 13.4042, -5.9732 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(180, 185, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 185, 214)  
}
```

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(180, 185, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 185, 214) }
```

Border

The CSS property to change the border of an element to YUV 186.8110, 13.4042, -5.9732 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(180, 185, 214) }
```


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

```
.border{ border-color:rgb(180, 185, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 185, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 185, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 185, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 185,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 186.8110, 13.4042, -5.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 185, 214) }
```

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

```
.background{ background-color: rgb(180,  
185, 214) }
```

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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