

Converting Colors

YUV(186.2280, 21.0866, 3.3080)

Have a look what the booklet for
YUV(186.2280, 21.0866, 3.3080)
contains.

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Color

**YUV(186.2280, 21.0866,
3.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB0E5
RGB	190, 176, 229
RGB Percent	75%, 69%, 90%
CMY	0.2549, 0.3098, 0.1020
CMYK	0.17, 0.23, 0.00, 0.10
HSL	256°, 50%, 79%
HSV	256°, 23%, 90%
XYZ	50.9034, 47.6550, 80.6442
YIQ	186.2280, -8.6690, 19.4510

Conversions

Conversions Part 2

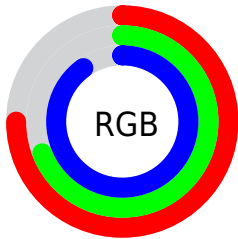
Format	Color
R_{YB}	190, 176, 229
Decimal	12497125
CIE _{Lab}	74.61, 15.50, -24.74
CIE _{LCh}	75, 29.189, 302.068
Yxy	47.6550, 0.2841, 0.2659
Android (android.graphics.Color)	4290687205 (0xFFBEB0E5)
YUV	186.2280, 21.0866, 3.3080
Hunter-Lab	69.0326, 10.8157, -20.9401

Details

The YUV color **186.2280, 21.0866, 3.3080** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218.7720, -21.0866, -3.3080**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1070, 7.8352, 6.9222**, and **132.5870, 19.9236, 2.9932** is the 20% darker color. If you saturate the color by 10%, you get **167.6440, 30.2485, 4.6972**, and if you desaturate by 10%, it is **204.8120, 11.9247, 1.9189**.

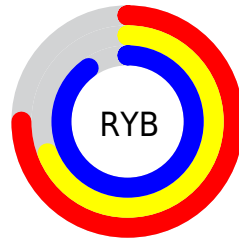
Distribution



Red (75%)

Green (69%)

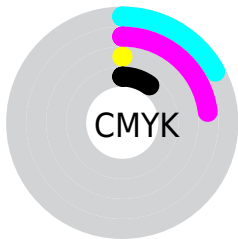
Blue (90%)



Red (75%)

Yellow (69%)

Blue (90%)

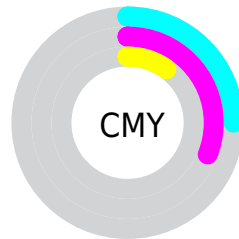


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2280, 21.0866, 3.3080 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 186.2280, 21.0866, 3.3080 by changing the saturation by 10% instead.

■ 186.2280, 21.0866,
3.3080

■ 186.2280, 21.0866,
3.3080

255.0000, 0.0000,
0.0000

■ 159.1140, 20.6498,
3.4080

■ 239.1070, 7.8352,
6.9222

■ 132.5870, 19.9236,
2.9932

■ 107.7610, 19.3448,
1.9636

■ 83.2340, 18.6186,
1.5488

■ 59.7070, 17.8924,
1.1340

■ 37.7670, 16.8769,
0.2043

■ 15.0660, 16.7295,

0.8191

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 186.2280, 21.0866,
3.3080

■ 186.2280, 21.0866,
3.3080

■ 167.6440, 30.2485,
4.6972

■ 204.8120, 11.9247,
1.9189

■ 149.0600, 39.4104,
6.0864

■ 223.3960, 2.7628,
0.5297

■ 130.4760, 48.5723,
7.4755

■ 241.9800, -6.3991,
-0.8595

■ 112.1910, 57.5868,
9.4795

■ 252.0360,
-11.3567, 2.5994

■ 93.6070, 66.7487,
10.8687

■ 75.6100, 75.6213,
11.7430

■ 57.0260, 84.7832,
13.1322

■ 44.0460, 91.1823,
13.9917

Harmonies

Analogous

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



181.0610, 27.5779, -25.4865



186.2280, 21.0866, 3.3080



188.2220, 10.2436, 27.8693

Triad

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



186.2280, 21.0866, 3.3080



184.1450, -23.2425, 34.9528



171.6900, 6.5618, -51.4711

Complementary

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



186.2280, 21.0866, 3.3080



218.7720, -21.0866, -3.3080

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.



175.2230, -8.4909, -30.0136



186.2280, 21.0866, 3.3080



181.7530, -25.5142, 16.8796

Square

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



186.2280, 21.0866, 3.3080



186.0890, -14.8339, 44.6489



179.1630, -20.7864, -6.2820



170.4790, 19.9769, -60.9331

Rectangle

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



186.2280, 21.0866, 3.3080



187.5240, 2.2067, 39.0055



179.1630, -20.7864, -6.2820



172.6540, 1.1566, -44.4236

Sweetspot

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



186.2280, 21.0866, 3.3080



240.5470, 7.1253, 1.2743



205.5220, 11.5747, -25.8908



119.1510, 4.3626, 0.7446



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.



186.2280, 21.0866, 3.3080



197.4760, 28.3593, 3.9675



194.0020, 17.2540, 19.2922



105.2650, 4.7994, 0.6446



34.4590, 71.2587, 10.9985



9.7010, 20.3604, 2.8932

Inverse Universe

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



196.2930, 9.2226, 28.6840



211.1570, 12.2476, 38.4503



210.9980, -17.2540, -19.2922



107.6140, 2.1623, 6.4775



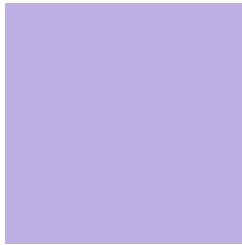
68.4550, 30.8347, 96.9480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 186.2280, 21.0866, 3.3080 looks on a white background.

Color Contrast Check

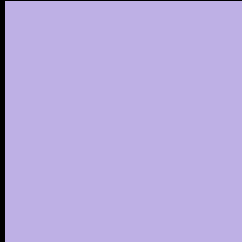
Large Text (above 18pt) WCAG AA × Fail

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 186.2280, 21.0866, 3.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

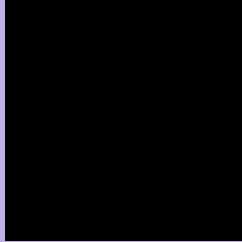
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2280, 21.0866, 3.3080

Background



This preview shows how black text looks on a background with the YUV color 186.2280, 21.0866, 3.3080.



This preview shows how white text looks on a background with the YUV color 186.2280, 21.0866, 3.3080.

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

186.2280, 21.0866, 3.3080

Protanopia

184.5250, 23.8982, -11.8614

Deuteranopia

185.1730, 21.1137, -5.4137



Tritanopia

184.1940, 5.8204, -0.1701

Trichromacy



Original Color

186.2280, 21.0866, 3.3080

Protanomaly

185.3300, 23.0083, -6.4284

Deuteranomaly

185.7820, 20.8135, -2.4398

Tritanomaly

184.9860, 11.3459, 0.8893

Monochromacy



Original Color

186.2280, 21.0866, 3.3080

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2280, 21.0866, 3.3080 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(190, 176, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 176, 229)  
}
```

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(190, 176, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 176, 229) }
```

Border

The CSS property to change the border of an element to YUV 186.2280, 21.0866, 3.3080 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(190, 176, 229) }
```


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

```
.border{ border-color:rgb(190, 176, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 176, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 176, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 176, 229);  
box-shadow:4px 4px 4px 4px rgb(190, 176,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 186.2280, 21.0866, 3.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 176, 229) }
```

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

```
.background{ background-color: rgb(190,  
176, 229) }
```

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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