

Converting Colors

YUV(186.2730, -4.0786, 1.5146)

Have a look what the booklet for
YUV(186.2730, -4.0786, 1.5146)
contains.

YUV(186.2730, -4.0786, 1.5146)	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(186.2730, -4.0786,
1.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBBB2
RGB	188, 187, 178
RGB Percent	74%, 73%, 70%
CMY	0.2627, 0.2667, 0.3020
CMYK	0.00, 0.01, 0.05, 0.26
HSL	54°, 7%, 72%
HSV	54°, 5%, 74%
XYZ	46.5452, 49.4464, 49.2104
YIQ	186.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

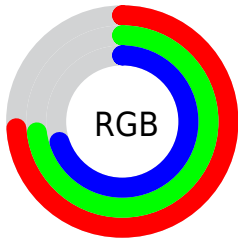
Format	Color
R _Y B	179, 188, 178
Decimal	12368818
CIE Lab	75.73, -1.27, 4.67
CIE LCh	76, 4.838, 105.239
Yxy	49.4464, 0.3206, 0.3405
Android (android.graphics.Color)	4290558898 (0xFFBCBBB2)
YUV	186.2730, -4.0786, 1.5146
Hunter-Lab	70.3181, -4.9033, 7.7300

Details

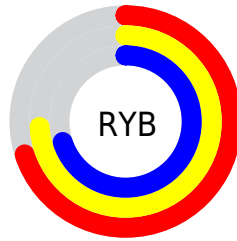
The YUV color $186.2730, -4.0786, 1.5146$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $179.7270, 4.0786, -1.5146$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.2730, -4.0786, 1.5146$, and $133.2730, -4.0786, 1.5146$ is the 20% darker color. If you saturate the color by 10%, you get $182.9330, -11.7990, 4.4438$, and if you desaturate by 10%, it is $189.6130, 3.6418, -1.4146$.

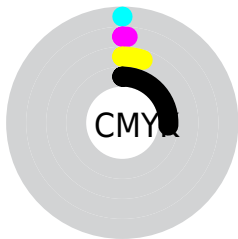
Distribution



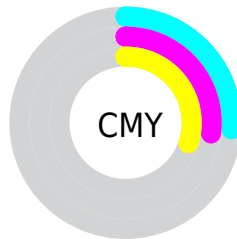
- Red (74%)
- Green (73%)
- Blue (70%)



- Red (70%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2730, -4.0786, 1.5146 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 186.2730, -4.0786, 1.5146 by changing the saturation by 10% instead.

■ 186.2730, -4.0786,
1.5146

■ 186.2730, -4.0786,
1.5146

255.0000, 0.0000,
0.0000

■ 159.2730, -4.0786,
1.5146

■ 242.2730, -4.0786,
1.5146

■ 133.2730, -4.0786,
1.5146

■ 107.9740, -3.9312,
0.8998

■ 83.5010, -3.2050,
1.3146

■ 60.5010, -3.2050,
1.3146

■ 39.2020, -3.0576,
0.6998

■ 18.1590, -4.5154,

1.6146

■ 0.0000, 0.0000,
0.0000

■ 186.2730, -4.0786,
1.5146

■ 186.2730, -4.0786,
1.5146

■ 182.9330,
-11.7990, 4.4438

■ 189.6130, 3.6418,
-1.4146

■ 179.5930,
-19.5193, 7.3729

■ 192.9530, 11.3622,
-4.3438

■ 176.3670,
-26.8029, 10.2021

■ 196.1790, 18.6458,
-7.1730

■ 173.0270,
-34.5233, 13.1313

■ 199.5190, 26.3661,
-10.1022

■ 170.2740,
-42.5331, 15.5457

■ 200.3340, 26.9503,
-10.8169

■ 166.9340,
-50.2535, 18.4749

■ 201.5080, 26.3716,
-11.8465

■ 163.5940,
-57.9738, 21.4041

■ 202.6820, 25.7928,
-12.8761

■ 160.3680,
-65.2574, 24.2333

■ 203.8560, 25.2140,
-13.9057

■ 157.0280,
-72.9778, 27.1624

■ 205.0300, 24.6352,
-14.9353

Harmonies

Analogous

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



187.1810, -4.5262, 5.1033



186.2730, -4.0786, 1.5146



185.5930, -2.7573, -2.2741

Triad

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



186.2730, -4.0786, 1.5146



185.8680, 3.5161, -7.7772



187.8590, 0.5625, 6.2627

Complementary

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



186.2730, -4.0786, 1.5146



179.7270, 4.0786, -1.5146

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.



187.4070, 2.7573, 2.2741



186.2730, -4.0786, 1.5146



186.4060, 4.2368, -5.6181

Square

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



186.2730, -4.0786, 1.5146



185.1130, 1.9163, -7.9921



186.7270, 4.0786, -1.5146



187.8870, -1.9163, 7.9921

Rectangle

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



186.2730, -4.0786, 1.5146



185.6250, -1.2941, -4.9331



186.7270, 4.0786, -1.5146



187.3750, 1.2941, 4.9331

Sweetspot

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



186.2730, -4.0786, 1.5146



243.8430, -1.8946, 1.0147



181.1040, -1.0373, 6.0478



121.7720, -0.8736, 0.2000



250.0000, 0.0000, 0.0000



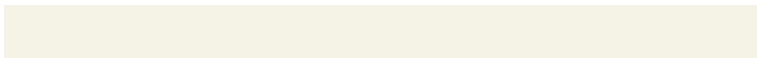
122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.2730, -4.0786, 1.5146



242.1160, -5.9732, 2.5293



185.6640, -3.7784, -1.4593



93.3160, -2.6208, 0.5999



130.5960, -64.3838, 24.0333



25.7050, -12.6726, 4.6437

Inverse Universe

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



179.7270, 4.0786, -1.5146



232.8840, 5.9732, -2.5293



180.3360, 3.7784, 1.4593



88.6840, 2.6208, -0.5999



27.4040, 64.3838, -24.0333



5.2950, 12.6726, -4.6437

Previews

White Background



This preview shows how the YUV color 186.2730, -4.0786, 1.5146 looks on a white background.

Color Contrast Check

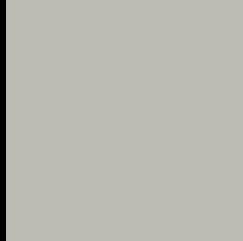
Large Text (above 18pt) WCAG AA × Fail

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 186.2730, -4.0786, 1.5146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

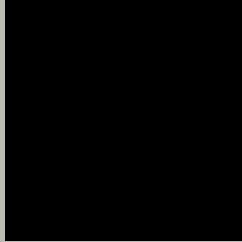
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

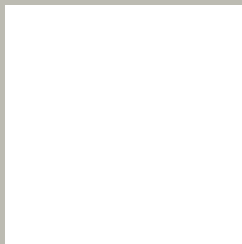
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.2730, -4.0786, 1.5146

Background



This preview shows how black text looks on a background with the YUV color 186.2730, -4.0786, 1.5146.



This preview shows how white text looks on a background with the YUV color 186.2730, -4.0786,

1.5146.

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

186.2730, -4.0786, 1.5146

Protanopia

186.7680, -4.8156, 4.5885

Deuteranopia

187.9590, -4.4168, 16.6990



Tritanopia

187.6890, 5.0833, 2.9037

Trichromacy



Original Color

186.2730, -4.0786, 1.5146

Protanomaly

186.4690, -4.6682, 3.9737

Deuteranomaly

187.6270, -4.2531, 10.8511

Tritanomaly

187.1790, 1.8838, 2.4740

Monochromacy



Original Color

186.2730, -4.0786, 1.5146

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2730, -4.0786, 1.5146 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(188, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(188, 187, 178)  
}
```

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(188, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 187, 178) }
```

Border

The CSS property to change the border of an element to YUV 186.2730, -4.0786, 1.5146 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(188, 187, 178) }
```


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

```
.border{ border-color:rgb(188, 187, 178) }
```

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

Here you see how a box with a 4 pixel rgb(188, 187, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(188, 187,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 186.2730, -4.0786, 1.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 187, 178) }
```

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

```
.background{ background-color: rgb(188,  
187, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor