

Converting Colors

YUV(186.9150, -28.0591,
-6.9415)

Have a look what the booklet for
YUV(186.9150, -28.0591, -6.9415)
contains.

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Color

**YUV(186.9150, -28.0591,
-6.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CA82
RGB	179, 202, 130
RGB Percent	70%, 79%, 51%
CMY	0.2980, 0.2078, 0.4902
CMYK	0.11, 0.00, 0.36, 0.21
HSL	79°, 40%, 65%
HSV	79°, 36%, 79%
XYZ	43.7402, 53.4365, 29.1280
YIQ	186.9150, 9.4040, -27.2680

Conversions

Conversions Part 2

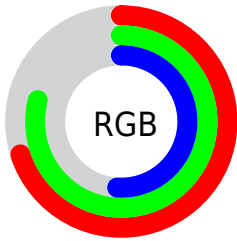
Format	Color
RYB	130, 202, 153
Decimal	11782786
CIELab	78.13, -19.71, 33.43
CIElCh	78, 38.808, 120.530
Yxy	53.4365, 0.3463, 0.4231
Android (android.graphics.Color)	4289972866 (0xFFB3CA82)
YUV	186.9150, -28.0591, -6.9415
Hunter-Lab	73.1003, -21.1183, 27.5451

Details

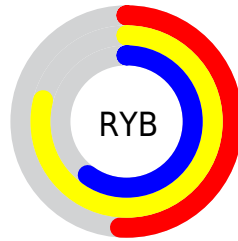
The YUV color **186.9150, -28.0591, -6.9415** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **145.0850, 28.0591, 6.9415**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2250, -28.2119, -4.5823**, and **133.2570, -26.7487, -7.2414** is the 20% darker color. If you saturate the color by 10%, you get **182.8410, -35.9106, -8.6306**, and if you desaturate by 10%, it is **190.9890, -20.2076, -5.2524**.

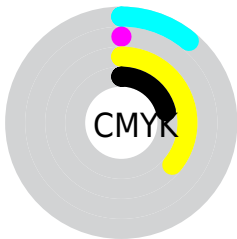
Distribution



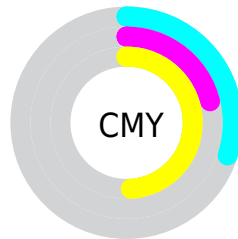
- Red (70%)
- Green (79%)
- Blue (51%)



- Red (51%)
- Yellow (79%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (30%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9150, -28.0591, -6.9415 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 186.9150, -28.0591, -6.9415 by changing the saturation by 10% instead.

■ 186.9150,
-28.0591, -6.9415

■ 186.9150,
-28.0591, -6.9415

255.0000, 0.0000,
0.0000

■ 160.0290,
-27.6223, -7.0414

■ 241.2250,
-28.2119, -4.5823

■ 133.2570,
-26.7487, -7.2414

■ 250.0980,
-18.7823, 4.2991

■ 107.4850,
-25.8751, -7.4413

■ 253.2900, -6.5520,
1.4997

■ 82.7130, -25.0015,
-7.6413

■ 58.5990, -25.4383,
-7.5413

■ 38.3090, -18.8863,
-9.0410

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 186.9150,
-28.0591, -6.9415

■ 186.9150,
-28.0591, -6.9415

■ 182.8410,
-35.9106, -8.6306

■ 190.9890,
-20.2076, -5.2524

■ 178.4680,
-43.6147, -10.9344

■ 195.3620,
-12.5035, -2.9485

■ 174.2800,
-51.9030, -12.5236

■ 199.5500, -4.2152,
-1.3594

■ 169.9070,
-59.6072, -14.8274

■ 203.9230, 3.4890,
0.9445

■ 165.8330,
-67.4587, -16.5165

■ 207.9970, 11.3405,
2.6336

■ 161.4600,
-75.1628, -18.8204

■ 212.3700, 19.0446,
4.9375

■ 159.5370,
-78.6517, -19.7649

■ 214.6200, 19.9073,
8.2263

■ 216.7130, 18.8755,
12.5297

■ 218.5070, 17.9910,
16.2184

Harmonies

Analogous

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



190.7940, -34.4084, 22.9827



186.9150, -28.0591, -6.9415



181.2450, -11.9528, -39.6799

Triad

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



186.9150, -28.0591, -6.9415



175.4070, 39.2393, -79.2869



195.8030, -0.8889, 51.9158

Complementary

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



186.9150, -28.0591, -6.9415



145.0850, 28.0591, 6.9415

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.



198.5310, 15.0212, 35.4913



186.9150, -28.0591, -6.9415



187.1780, 33.4362, -37.8671

Square

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



186.9150, -28.0591, -6.9415



167.5930, 30.2737, -96.9901



196.2800, 28.9490, 1.5084



193.4600, -17.4818, 53.9706

Rectangle

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



186.9150, -28.0591, -6.9415



176.6580, 1.6476, -61.9671



196.2800, 28.9490, 1.5084



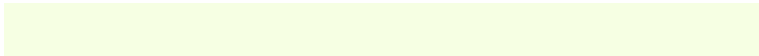
197.7580, 4.0633, 50.2012

Sweetspot

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



186.9150, -28.0591, -6.9415



249.1170, -10.9037, -2.7336



165.0290, -17.2693, 32.4236



124.2680, -6.5411, -1.9890



0.0000, 0.0000, 0.0000



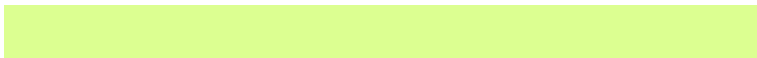
128.0000, 0.0000, 0.0000

Same Dimension

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



186.9150, -28.0591, -6.9415



231.9950, -42.8885, -10.5196



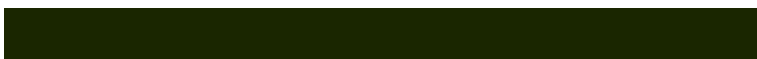
176.1510, -22.7524, -29.0734



99.9630, -3.9258, -0.8446



131.2290, -64.6959, -15.9868



30.0800, -14.8294, -3.5782

Inverse Universe

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



145.0850, 28.0591, 6.9415



168.0050, 42.8885, 10.5196



155.8490, 22.7524, 29.0734



94.0370, 3.9258, 0.8446



34.7710, 64.6959, 15.9868



7.9200, 14.8294, 3.5782

Previews

White Background



This preview shows how the YUV color 186.9150, -28.0591, -6.9415 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 186.9150, -28.0591, -6.9415 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 186.9150, -28.0591, -6.9415 Background



This preview shows how black text looks on a background with the YUV color 186.9150, -28.0591, -6.9415.



This preview shows how white text looks on a background with the YUV color 186.9150, -28.0591, -6.9415.

-6.9415.

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

186.9150, -28.0591, -6.9415

Protanopia

190.1460, -31.6240, 16.5350

Deuteranopia

192.6410, -28.9100, 32.7638



Tritanopia

192.9270, 7.4310, -3.4440

Trichromacy



Original Color

186.9150, -28.0591, -6.9415

Protanomaly

188.7320, -30.4339, 8.1280

Deuteranomaly

190.3680, -28.2824, 18.0943

Tritanomaly

190.8870, -5.3673, -5.1629

Monochromacy



Original Color

186.9150, -28.0591, -6.9415

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6440, -10.1775, -2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9150, -28.0591, -6.9415 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(179, 202, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 130)  
}
```

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(179, 202, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 130) }
```

Border

The CSS property to change the border of an element to YUV 186.9150, -28.0591, -6.9415 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(179, 202, 130) }
```


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

```
.border{ border-color:rgb(179, 202, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 202, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 202, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 202, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 202,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 186.9150, -28.0591, -6.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 202, 130) }
```

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

```
.background{ background-color: rgb(179,  
202, 130) }
```

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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