

Converting Colors

YUV(186.3550, -28.7690,
-12.5893)

Have a look what the booklet for
YUV(186.3550, -28.7690, -12.5893)
contains.

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Color

**YUV(186.3550, -28.7690,
-12.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCD80
RGB	172, 205, 128
RGB Percent	67%, 80%, 50%
CMY	0.3255, 0.1961, 0.4980
CMYK	0.16, 0.00, 0.38, 0.20
HSL	86°, 44%, 65%
HSV	86°, 38%, 80%
XYZ	42.7409, 53.9918, 28.5909
YIQ	186.3550, 5.0490, -30.9430

Conversions

Conversions Part 2

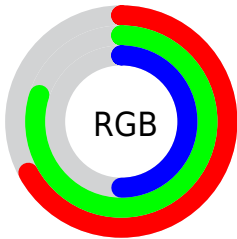
Format	Color
RYB	128, 205, 161
Decimal	11324800
CIELab	78.46, -24.08, 34.79
CIELCh	78, 42.306, 124.690
Yxy	53.9918, 0.3410, 0.4308
Android (android.graphics.Color)	4289514880 (0xFFACCD80)
YUV	186.3550, -28.7690, -12.5893
Hunter-Lab	73.4791, -24.7597, 28.3655

Details

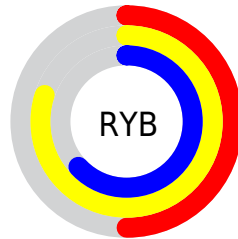
The YUV color $186.3550, -28.7690, -12.5893$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $146.6450, 28.7690, 12.5893$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.6050, -27.9063, -9.3006$, and $132.6970, -27.4586, -12.8893$ is the 20% darker color. If you saturate the color by 10%, you get $181.2700, -36.6151, -16.0228$, and if you desaturate by 10%, it is $191.4400, -20.9229, -9.1559$.

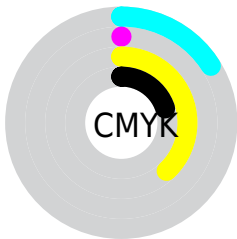
Distribution



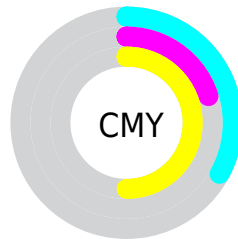
- Red (67%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (63%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.3550, -28.7690, -12.5893 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 186.3550, -28.7690, -12.5893 by changing the saturation by 10% instead.

■ 186.3550,
-28.7690, -12.5893

■ 186.3550,
-28.7690, -12.5893

255.0000, 0.0000,
0.0000

■ 158.8820,
-28.0428, -12.1745

■ 238.6050,
-27.9063, -9.3006

■ 132.6970,
-27.4586, -12.8893

■ 249.8700,
-19.6559, 4.4990

■ 107.2240,
-26.7324, -12.4744

■ 253.0620, -7.4256,
1.6996

■ 82.3380, -26.2956,
-12.5744

■ 57.9250, -26.5850,
-13.0892

■ 36.5040, -17.9965,
-14.4740

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 186.3550,
-28.7690, -12.5893

■ 186.3550,
-28.7690, -12.5893

■ 181.2700,
-36.6151, -16.0228

■ 191.4400,
-20.9229, -9.1559

■ 176.2990,
-44.0244, -19.5562

■ 196.4110,
-13.5136, -5.6224

■ 171.5130,
-52.0179, -22.3749

■ 201.1970, -5.5201,
-2.8038

■ 166.5420,
-59.4272, -25.9083

■ 206.1680, 1.8892,
0.7297

■ 161.5710,
-66.8365, -29.4418

■ 211.1390, 9.2985,
4.2631

■ 156.4860,
-74.6826, -32.8752

■ 216.2240, 17.1446,
7.6966

■ 155.3180,
-76.5718, -33.6049

■ 219.3710, 17.5651,
12.8296

■ 221.7630, 16.3858,
17.7478

■ 224.4540, 15.0592,
23.2808

Harmonies

Analogous

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



190.9740, -37.4552, 20.1938



186.3550, -28.7690, -12.5893



179.6460, -10.1785, -48.8015

Triad

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



186.3550, -28.7690, -12.5893



172.7050, 40.5714, -86.5643



193.4720, -2.2047, 53.9601

Complementary

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



186.3550, -28.7690, -12.5893



146.6450, 28.7690, 12.5893

Split Complementary

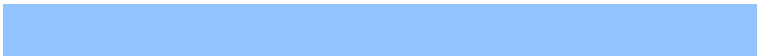
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.6460, 13.9785, 43.2835



186.3550, -28.7690, -12.5893



188.0750, 32.9940, -36.0228

Square

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



186.3550, -28.7690, -12.5893



152.7500, 42.0282, -133.9617



197.7970, 28.2011, 8.0710



192.0750, -20.2500, 55.1852

Rectangle

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



186.3550, -28.7690, -12.5893



173.4220, 6.2010, -75.7921



197.7970, 28.2011, 8.0710



195.6550, 3.6211, 52.0456

Sweetspot

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



186.3550, -28.7690, -12.5893



248.2200, -10.4615, -4.5779



169.8070, -20.6109, 30.8643



123.6700, -6.2463, -3.2186



0.0000, 0.0000, 0.0000



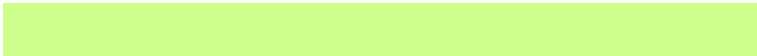
128.0000, 0.0000, 0.0000

Same Dimension

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



186.3550, -28.7690, -12.5893



227.2390, -43.0088, -18.6266



174.9930, -23.1675, -35.9509



99.6640, -3.7784, -1.4593



125.8470, -62.0426, -27.0528



28.8840, -14.2398, -6.0373

Inverse Universe

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



146.6450, 28.7690, 12.5893



167.7610, 43.0088, 18.6266



158.0070, 23.1675, 35.9509



94.3360, 3.7784, 1.4593



40.1530, 62.0426, 27.0528



9.1160, 14.2398, 6.0373

Previews

White Background



This preview shows how the YUV color 186.3550, -28.7690, -12.5893 looks on a white background.

Color Contrast Check

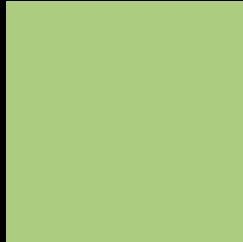
Large Text (above 18pt) WCAG AA × Fail

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 186.3550, -28.7690, -12.5893 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 186.3550, -28.7690, -12.5893 Background



This preview shows how black text looks on a background with the YUV color 186.3550, -28.7690, -12.5893.



This preview shows how white text looks on a background with the YUV color 186.3550, -28.7690, -12.5893.

-12.5893.

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

186.3550, -28.7690, -12.5893

Protanopia

191.1030, -33.0818, 17.4497

Deuteranopia

192.7120, -29.9310, 33.5786



Tritanopia

193.4210, 8.1734, -8.2622

Trichromacy



Original Color

186.3550, -28.7690, -12.5893

Protanomaly

189.3790, -31.7388, 6.6836

Deuteranomaly

190.4280, -29.2980, 17.1646

Tritanomaly

191.1530, -5.4984, -9.7812

Monochromacy



Original Color

186.3550, -28.7690, -12.5893

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.2200, -10.4615, -4.5779

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3550, -28.7690, -12.5893 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(172, 205, 128)` looks like.

```
.text, #text, p{  
    color:rgb(172, 205, 128)  
}
```

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(172, 205, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 205, 128) }
```

Border

The CSS property to change the border of an element to YUV 186.3550, -28.7690, -12.5893 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(172, 205, 128) }
```


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

```
.border{ border-color:rgb(172, 205, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 205, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 205, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 205, 128); box-shadow:4px 4px 4px 4px rgb(172, 205, 128) }
```

Background

The CSS property to change the background color of an element to YUV 186.3550, -28.7690, -12.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 205, 128) }
```

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

```
.background{ background-color: rgb(172,  
205, 128) }
```

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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