

Converting Colors

YUV(186.7290, -5.7824,
-12.0403)

Have a look what the booklet for
YUV(186.7290, -5.7824, -12.0403)
contains.

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Color

**YUV(186.7290, -5.7824,
-12.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC4AF
RGB	173, 196, 175
RGB Percent	68%, 77%, 69%
CMY	0.3216, 0.2314, 0.3137
CMYK	0.12, 0.00, 0.11, 0.23
HSL	125°, 16%, 72%
HSV	125°, 12%, 77%
XYZ	44.7114, 51.4592, 48.1335
YIQ	186.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

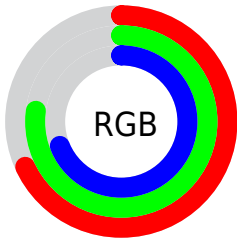
Format	Color
RYB	173, 194, 196
Decimal	11388079
CIELab	76.96, -11.81, 7.91
CIElCh	77, 14.217, 146.177
Yxy	51.4592, 0.3098, 0.3566
Android (android.graphics.Color)	4289578159 (0xFFADC4AF)
YUV	186.7290, -5.7824, -12.0403
Hunter-Lab	71.7351, -14.2801, 10.4316

Details

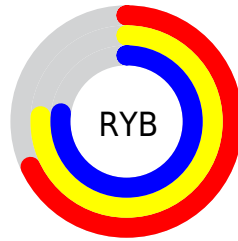
The YUV color **186.7290, -5.7824, -12.0403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182.2710, 5.7824, 12.0403**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3160, -6.0718, -12.5551**, and **133.5550, -5.2036, -11.0107** is the 20% darker color. If you saturate the color by 10%, you get **178.6970, -10.6966, -22.5363**, and if you desaturate by 10%, it is **194.7610, -0.8682, -1.5444**.

Distribution



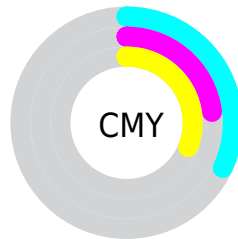
- Red (68%)
- Green (77%)
- Blue (69%)



- Red (68%)
- Yellow (76%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (32%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7290, -5.7824, -12.0403 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 186.7290, -5.7824, -12.0403 by changing the saturation by 10% instead.

■ 186.7290, -5.7824,
-12.0403

■ 186.7290, -5.7824,
-12.0403

255.0000, 0.0000,
0.0000

■ 159.7290, -5.7824,
-12.0403

■ 243.3160, -6.0718,
-12.5551

■ 133.5550, -5.2036,
-11.0107

■ 108.5550, -5.2036,
-11.0107

■ 83.9680, -4.9142,
-10.4959

■ 60.3810, -4.6248,
-9.9811

■ 38.4950, -4.1880,
-10.0811

■ 17.1420, -5.4930,

-11.5255

■ 0.0000, 0.0000,
0.0000

■ 186.7290, -5.7824,
-12.0403

■ 186.7290, -5.7824,
-12.0403

■ 178.6970,
-10.6966, -22.5363

■ 194.7610, -0.8682,
-1.5444

■ 170.9640,
-15.7583, -32.4174

■ 202.4940, 4.1935,
8.3368

■ 162.9320,
-20.6725, -42.9134

■ 210.5260, 9.1077,
18.8327

■ 155.1990,
-25.7341, -52.7945

■ 218.2590, 14.1693,
28.7139

■ 147.2810,
-30.2115, -63.3904

■ 220.3670, 17.0741,
30.3731

■ 139.2490,
-35.1258, -73.8864

■ 131.5160,
-40.1874, -83.7675

■ 123.4840,
-45.1016, -94.2635

■ 116.9900,
-49.2951, -102.6002

Harmonies

Analogous

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



188.4270, -11.0565, -0.3745



186.7290, -5.7824, -12.0403



185.7970, 1.0861, -21.7470

Triad

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



186.7290, -5.7824, -12.0403



189.3540, 13.1365, -13.4655



192.4220, -6.6170, 22.4319

Complementary

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



186.7290, -5.7824, -12.0403



182.2710, 5.7824, 12.0403

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.



192.7190, -0.3545, 20.4174



186.7290, -5.7824, -12.0403



191.1600, 10.7671, -0.1403

Square

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



186.7290, -5.7824, -12.0403



186.6580, 12.0006, -22.5021



192.3850, 6.2192, 11.9404



190.9610, -10.8268, 19.3282

Rectangle

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



186.7290, -5.7824, -12.0403



185.6270, 5.6069, -25.1059



192.3850, 6.2192, 11.9404



192.2910, -4.5805, 22.5468

Sweetspot

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



186.7290, -5.7824, -12.0403



250.9840, -2.4571, -5.2480



192.7800, -9.7515, 1.0699



125.2230, -1.5889, -3.7036



0.0000, 0.0000, 0.0000



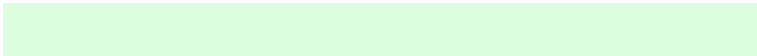
128.0000, 0.0000, 0.0000

Same Dimension

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



186.7290, -5.7824, -12.0403



240.4740, -9.1077, -18.8327



187.9830, -0.9776, -13.1401



92.9840, -2.4571, -5.2480



96.1030, -40.4768, -84.2823



19.7130, -8.2395, -17.2883

Inverse Universe

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



182.2710, 5.7824, 12.0403



233.5260, 9.1077, 18.8327



181.0170, 0.9776, 13.1401



91.0160, 2.4571, 5.2480



64.8970, 40.4768, 84.2823



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 186.7290, -5.7824, -12.0403 looks on a white background.

Color Contrast Check

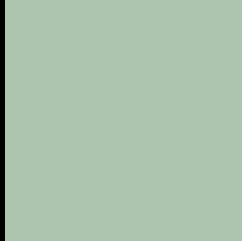
Large Text (above 18pt) WCAG AA × Fail

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 186.7290, -5.7824, -12.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

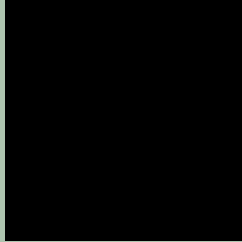
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7290, -5.7824, -12.0403

Background



This preview shows how black text looks on a background with the YUV color 186.7290, -5.7824, -12.0403.



This preview shows how white text looks on a background with the YUV color 186.7290, -5.7824, -12.0403.

-12.0403.

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

186.7290, -5.7824, -12.0403

Protanopia

189.3400, -9.0416, 6.7178

Deuteranopia

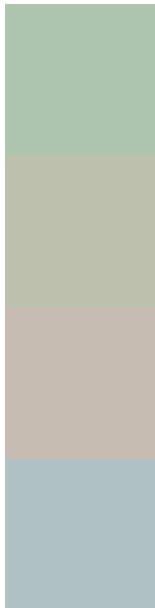
191.1010, -6.4588, 18.3284



Tritanopia

188.9370, 8.9051, -9.5917

Trichromacy



Original Color

186.7290, -5.7824, -12.0403

Protanomaly

188.5240, -8.1463, -0.4595

Deuteranomaly

189.7360, -6.2788, 7.2475

Tritanomaly

188.1450, 3.3795, -10.6512

Monochromacy



Original Color

186.7290, -5.7824, -12.0403

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8100, -1.8783, -4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7290, -5.7824, -12.0403 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(173, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 175)  
}
```

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(173, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 175) }
```

Border

The CSS property to change the border of an element to YUV 186.7290, -5.7824, -12.0403 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(173, 196, 175) }
```


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

```
.border{ border-color:rgb(173, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 186.7290, -5.7824, -12.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 175) }
```

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

```
.background{ background-color: rgb(173,  
196, 175) }
```

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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