

Converting Colors

YUV(187.1370, 12.2575,
-11.5211)

Have a look what the booklet for
YUV(187.1370, 12.2575, -11.5211)
contains.

YUV(187.1370, 12.2575, -11.5211)	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(187.1370, 12.2575,
-11.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBDD4
RGB	174, 189, 212
RGB Percent	68%, 74%, 83%
CMY	0.3176, 0.2588, 0.1686
CMYK	0.18, 0.11, 0.00, 0.17
HSL	216°, 31%, 76%
HSV	216°, 18%, 83%
XYZ	47.5368, 50.1473, 69.4613
YIQ	187.1370, -16.3230, 3.9730

Conversions

Conversions Part 2

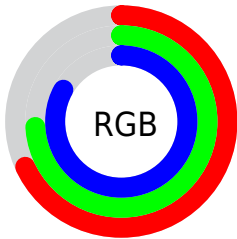
Format	Color
RYB	174, 185, 212
Decimal	11451860
CIELab	76.16, -0.35, -13.27
CIELCh	76, 13.279, 268.480
Yxy	50.1473, 0.2844, 0.3000
Android (android.graphics.Color)	4289641940 (0xFFFAEBDD4)
YUV	187.1370, 12.2575, -11.5211
Hunter-Lab	70.8148, -4.1017, -8.5864

Details

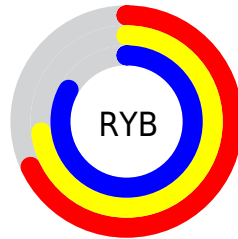
The YUV color $187.1370, 12.2575, -11.5211$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.8630, -12.2575, 11.5211$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.6550, 6.5791, -10.2214$, and $133.9090, 11.3839, -11.3212$ is the 20% darker color. If you saturate the color by 10%, you get $173.2270, 19.1151, -17.7391$, and if you desaturate by 10%, it is $201.0470, 5.3998, -5.3032$.

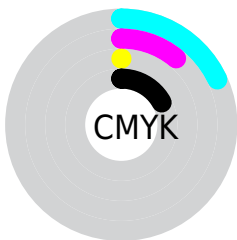
Distribution



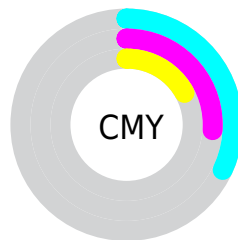
- Red (68%)
- Green (74%)
- Blue (83%)



- Red (68%)
- Yellow (73%)
- Blue (83%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (32%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.1370, 12.2575, -11.5211 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 187.1370, 12.2575, -11.5211 by changing the saturation by 10% instead.

■ 187.1370, 12.2575,
-11.5211

■ 187.1370, 12.2575,
-11.5211

255.0000, 0.0000,
0.0000

■ 160.0230, 11.8207,
-11.4212

■ 241.6550, 6.5791,
-10.2214

■ 133.9090, 11.3839,
-11.3212

■ 108.2080, 11.2365,
-10.7064

■ 84.0940, 10.7997,
-10.6064

■ 60.6810, 10.5103,
-11.1212

■ 38.5670, 10.0735,
-11.0213

■ 17.4420, 9.6421,

-12.6656

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 187.1370, 12.2575,
-11.5211

■ 187.1370, 12.2575,
-11.5211

■ 173.2270, 19.1151,
-17.7391

■ 201.0470, 5.3998,
-5.3032

■ 159.3170, 25.9727,
-23.9570

■ 214.9570, -1.4578,
0.9147

■ 145.6950, 32.6884,
-31.3045

■ 228.5790, -8.1734,
8.2622

■ 131.7850, 39.5460,
-37.5224

■ 241.2930,
-14.4414, 12.0210

■ 117.8750, 46.4036,
-43.7404

■ 248.9240,
-18.2035, 5.3287

■ 103.9650, 53.2613,
-49.9583

■ 250.0980,
-18.7823, 4.2991

■ 90.0550, 60.1189,
-56.1762

■ 75.8460, 67.1239,
-63.0089

■ 73.4760, 68.2923,
-64.4385

Harmonies

Analogous

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



185.4410, 11.1216, -20.5578



187.1370, 12.2575, -11.5211



189.2310, 9.7461, 0.6744

Triad

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



187.1370, 12.2575, -11.5211



189.8240, -6.3222, 21.2024



184.9570, -4.9088, -12.2403

Complementary

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



187.1370, 12.2575, -11.5211



198.8630, -12.2575, 11.5211

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.



186.3560, -10.0355, -1.1892



187.1370, 12.2575, -11.5211



188.9500, -10.8213, 17.5839

Square

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



187.1370, 12.2575, -11.5211



190.5940, -0.7858, 18.7731



187.8520, -12.2520, 9.7768



183.6230, 1.6649, -20.7174

Rectangle

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



187.1370, 12.2575, -11.5211



189.5910, 7.1036, 8.2517



187.8520, -12.2520, 9.7768



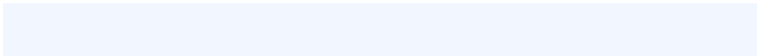
185.1100, -6.9562, -8.8665

Sweetspot

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



187.1370, 12.2575, -11.5211



246.4170, 4.2314, -3.8737



198.9280, -0.9505, -21.8619



122.6730, 2.6262, -2.3442



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.



187.1370, 12.2575, -11.5211



218.2980, 18.0941, -16.9243



179.5280, 16.0087, -1.3401



100.1890, 3.3578, -3.6738



58.8230, 55.3033, -51.5878



14.8810, 13.8627, -13.0506

Inverse Universe

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



187.0720, 0.9505, 21.8619



218.2520, 1.3548, 32.2280



206.4720, -16.0087, 1.3401



99.8590, 0.5625, 6.2627



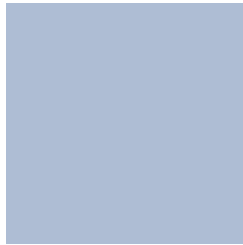
58.7670, 4.0589, 98.4283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 187.1370, 12.2575, -11.5211 looks on a white background.

Color Contrast Check

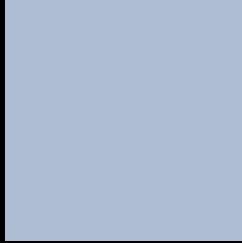
Large Text (above 18pt) WCAG AA × Fail

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 187.1370, 12.2575, -11.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

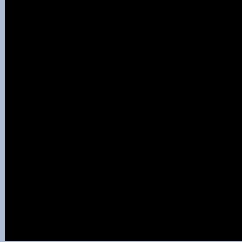
Any Text WCAG AA ✓ Pass

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 187.1370, 12.2575, -11.5211 Background



This preview shows how black text looks on a background with the YUV color 187.1370, 12.2575, -11.5211.



This preview shows how white text looks on a background with the YUV color 187.1370, 12.2575, -11.5211.

-11.5211.

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

187.1370, 12.2575, -11.5211

Protanopia

188.1380, 10.7780, -3.6290

Deuteranopia

189.7090, 11.4825, 3.7632



Tritanopia

186.6270, 9.0579, -11.9509

Trichromacy



Original Color

187.1370, 12.2575, -11.5211

Protanomaly

187.6430, 11.5150, -6.7029

Deuteranomaly

188.7900, 11.9355, -1.5698

Tritanomaly

186.9690, 10.3683, -12.2508

Monochromacy



Original Color

187.1370, 12.2575, -11.5211

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1370, 12.2575, -11.5211 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(174, 189, 212)` looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 212)  
}
```

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(174, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 212) }
```

Border

The CSS property to change the border of an element to YUV 187.1370, 12.2575, -11.5211 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(174, 189, 212) }
```


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

```
.border{ border-color:rgb(174, 189, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 187.1370, 12.2575, -11.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 212) }
```

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

```
.background{ background-color: rgb(174,  
189, 212) }
```

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