

Converting Colors

YUV(186.7500, 15.8993,
-12.9358)

Have a look what the booklet for
YUV(186.7500, 15.8993, -12.9358)
contains.

YUV(186.7500, 15.8993, -12.9358)	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(186.7500, 15.8993,
-12.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBCDB
RGB	172, 188, 219
RGB Percent	67%, 74%, 86%
CMY	0.3255, 0.2627, 0.1412
CMYK	0.21, 0.14, 0.00, 0.14
HSL	220°, 39%, 77%
HSV	220°, 21%, 86%
XYZ	47.7827, 49.8516, 74.1217
YIQ	186.7500, -19.4870, 6.2490

Conversions

Conversions Part 2

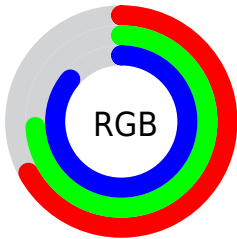
Format	Color
RYB	172, 184, 219
Decimal	11320539
CIELab	75.98, 1.11, -17.35
CIELCh	76, 17.390, 273.670
Yxy	49.8516, 0.2782, 0.2902
Android (android.graphics.Color)	4289510619 (0xFFACBCDB)
YUV	186.7500, 15.8993, -12.9358
Hunter-Lab	70.6056, -2.7593, -12.8186

Details

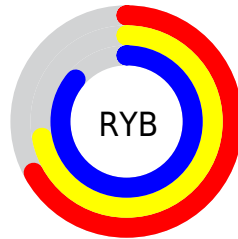
The YUV color **186.7500, 15.8993, -12.9358** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **204.2500, -15.8993, 12.9358**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4700, 7.1633, -10.9362**, and **133.5220, 15.0257, -12.7358** is the 20% darker color. If you saturate the color by 10%, you get **171.9540, 23.1937, -19.2537**, and if you desaturate by 10%, it is **201.5460, 8.6048, -6.6178**.

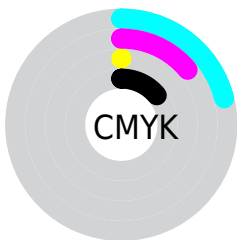
Distribution



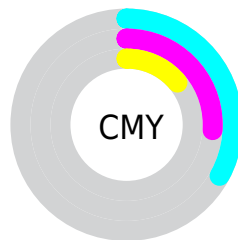
- Red (67%)
- Green (74%)
- Blue (86%)



- Red (67%)
- Yellow (72%)
- Blue (86%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.7500, 15.8993, -12.9358 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 186.7500, 15.8993, -12.9358 by changing the saturation by 10% instead.

■ 186.7500, 15.8993,
-12.9358

■ 186.7500, 15.8993,
-12.9358

255.0000, 0.0000,
0.0000

■ 159.6360, 15.4625,
-12.8358

■ 240.4700, 7.1633,
-10.9362

■ 133.5220, 15.0257,
-12.7358

■ 108.4080, 14.5889,
-12.6358

■ 83.2940, 14.1521,
-12.5358

■ 60.1800, 13.7153,
-12.4359

■ 37.3540, 13.1365,
-13.4655

■ 16.5280, 12.5577,

-14.4951

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 186.7500, 15.8993,
-12.9358

■ 186.7500, 15.8993,
-12.9358

■ 171.9540, 23.1937,
-19.2537

■ 201.5460, 8.6048,
-6.6178

■ 156.5710, 30.7775,
-25.0568

■ 216.9290, 1.0210,
-0.8147

■ 141.7750, 38.0719,
-31.3747

■ 231.7250, -6.2734,
5.5032

■ 126.3920, 45.6557,
-37.1778

■ 245.6130,
-13.1202, 8.2324

■ 111.8950, 52.8028,
-42.8809

■ 250.8960,
-15.7247, 3.5992

■ 96.5120, 60.3866,
-48.6840

■ 81.7160, 67.6810,
-55.0019

■ 68.9910, 73.9544,
-60.5051

Harmonies

Analogous

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



183.9610, 15.7952, -26.2758



186.7500, 15.8993, -12.9358



189.5240, 12.0667, 3.0485

Triad

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



186.7500, 15.8993, -12.9358



189.6460, -9.6855, 26.6205



182.6250, -4.7451, -18.0881

Complementary

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



186.7500, 15.8993, -12.9358



204.2500, -15.8993, 12.9358

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.



184.7640, -12.2087, -4.1780



186.7500, 15.8993, -12.9358



188.6470, -14.6160, 21.3576

Square

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



186.7500, 15.8993, -12.9358



190.2960, -2.1179, 26.0504



186.6410, -15.5990, 9.9618



181.7360, 3.5812, -28.7095

Rectangle

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



186.7500, 15.8993, -12.9358



189.8520, 7.9610, 13.2848



186.6410, -15.5990, 9.9618



183.2620, -7.5242, -13.3848

Sweetspot

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



186.7500, 15.8993, -12.9358



244.6450, 5.1050, -4.0737



203.1230, -0.0606, -27.2949



121.7870, 3.0630, -2.4442



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.



186.7500, 15.8993, -12.9358



209.4380, 22.4621, -17.9241



179.4510, 19.4977, -0.3955



102.0150, 3.9366, -2.6442



54.3550, 58.4920, -47.6693



14.6360, 15.4625, -12.8358

Inverse Universe

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



187.8770, 0.0606, 27.2949



211.2420, -0.1193, 38.3758



211.5490, -19.4977, 0.3955



102.6310, -0.3111, 6.4626



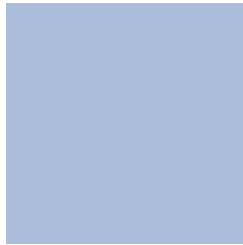
58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 186.7500, 15.8993, -12.9358 looks on a white background.

Color Contrast Check

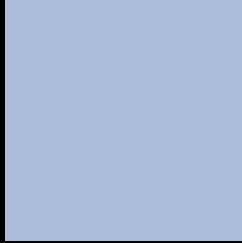
Large Text (above 18pt) WCAG AA × Fail

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 186.7500, 15.8993, -12.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

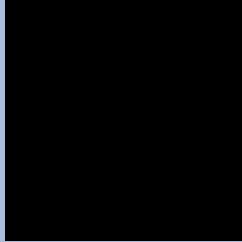
Any Text WCAG AA ✓ Pass

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 186.7500, 15.8993, -12.9358 Background



This preview shows how black text looks on a background with the YUV color 186.7500, 15.8993, -12.9358.



This preview shows how white text looks on a background with the YUV color 186.7500, 15.8993, -12.9358.

-12.9358.

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

186.7500, 15.8993, -12.9358

Protanopia

188.0390, 14.2778, -6.1732

Deuteranopia

189.0120, 15.2771, -0.0105



Tritanopia

185.4310, 9.6475, -14.4100

Trichromacy



Original Color

186.7500, 15.8993, -12.9358

Protanomaly

187.8430, 14.8674, -8.6323

Deuteranomaly

188.3920, 15.5827, -4.7288

Tritanomaly

185.7130, 11.9735, -13.7803

Monochromacy



Original Color

186.7500, 15.8993, -12.9358

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7500, 15.8993, -12.9358 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, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(172, 188, 219)  
}
```

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, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 188, 219) }
```

Border

The CSS property to change the border of an element to YUV 186.7500, 15.8993, -12.9358 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, 188, 219) }
```


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

```
.border{ border-color:rgb(172, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(172, 188,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 186.7500, 15.8993, -12.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 188, 219) }
```

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

```
.background{ background-color: rgb(172,  
188, 219) }
```

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