

Converting Colors

YUV(184.7500, 15.8993,
-12.9358)

Have a look what the booklet for
YUV(184.7500, 15.8993, -12.9358)
contains.

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Color

**YUV(184.7500, 15.8993,
-12.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	AABAD9
RGB	170, 186, 217
RGB Percent	67%, 73%, 85%
CMY	0.3333, 0.2706, 0.1490
CMYK	0.22, 0.14, 0.00, 0.15
HSL	220°, 38%, 76%
HSV	220°, 22%, 85%
XYZ	46.6609, 48.6736, 72.5813
YIQ	184.7500, -19.4870, 6.2490

Conversions

Conversions Part 2

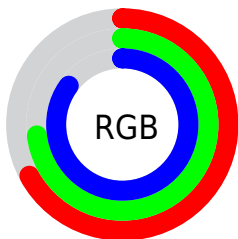
Format	Color
RYB	170, 182, 217
Decimal	11188953
CIELab	75.25, 1.12, -17.39
CIELCh	75, 17.423, 273.702
Yxy	48.6736, 0.2779, 0.2899
Android (android.graphics.Color)	4289379033 (0xFFAABAD9)
YUV	184.7500, 15.8993, -12.9358
Hunter-Lab	69.7665, -2.7079, -12.8456

Details

The YUV color **184.7500, 15.8993, -12.9358** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **202.2500, -15.8993, 12.9358**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6980, 8.0369, -11.1361**, and **131.5220, 15.0257, -12.7358** is the 20% darker color. If you saturate the color by 10%, you get **169.9540, 23.1937, -19.2537**, and if you desaturate by 10%, it is **199.5460, 8.6048, -6.6178**.

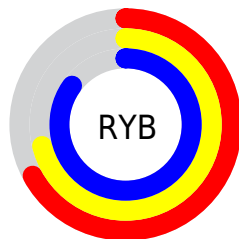
Distribution



Red (67%)

Green (73%)

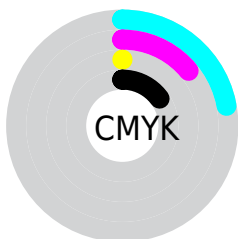
Blue (85%)



Red (67%)

Yellow (71%)

Blue (85%)

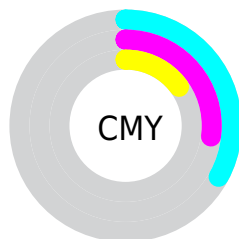


Cyan (22%)

Magenta (14%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (27%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.7500, 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 184.7500, 15.8993, -12.9358 by changing the saturation by 10% instead.

■ 184.7500, 15.8993,
-12.9358

■ 184.7500, 15.8993,
-12.9358

255.0000, 0.0000,
0.0000

■ 157.6360, 15.4625,
-12.8358

■ 238.6980, 8.0369,
-11.1361

■ 131.5220, 15.0257,
-12.7358

■ 106.4080, 14.5889,
-12.6358

■ 81.8810, 13.8627,
-13.0506

■ 58.7670, 13.4259,
-12.9507

■ 36.0550, 13.2839,
-14.0802

■ 15.2400, 12.6997,

-13.3655

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 184.7500, 15.8993,
-12.9358

■ 184.7500, 15.8993,
-12.9358

■ 169.9540, 23.1937,
-19.2537

■ 199.5460, 8.6048,
-6.6178

■ 154.8700, 30.6301,
-24.4420

■ 214.6300, 1.1684,
-1.4295

■ 140.0740, 37.9245,
-30.7599

■ 229.4260, -6.1260,
4.8884

■ 125.2780, 45.2189,
-37.0778

■ 243.6240,
-13.1256, 9.9768

■ 109.8950, 52.8028,
-42.8809

■ 250.6680,
-16.5983, 3.7992

■ 95.3980, 59.9498,
-48.5840

■ 80.6020, 67.2442,
-54.9020

■ 68.1760, 73.3702,
-59.7904

Harmonies

Analogous

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



181.9610, 15.7952, -26.2758



184.7500, 15.8993, -12.9358



187.5240, 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.



184.7500, 15.8993, -12.9358



187.6460, -9.6855, 26.6205



180.6250, -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.



184.7500, 15.8993, -12.9358



202.2500, -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.



182.7640, -12.2087, -4.1780



184.7500, 15.8993, -12.9358



186.3480, -14.4686, 20.7428

Square

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



184.7500, 15.8993, -12.9358



188.2960, -2.1179, 26.0504



184.6410, -15.5990, 9.9618



179.7360, 3.5812, -28.7095

Rectangle

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



184.7500, 15.8993, -12.9358



187.8520, 7.9610, 13.2848



184.6410, -15.5990, 9.9618



181.2620, -7.5242, -13.3848

Sweetspot

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



184.7500, 15.8993, -12.9358



244.6450, 5.1050, -4.0737



201.1230, -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.



184.7500, 15.8993, -12.9358



209.4380, 22.4621, -17.9241



177.4510, 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.



185.8770, 0.0606, 27.2949



211.2420, -0.1193, 38.3758



209.5490, -19.4977, 0.3955



102.6310, -0.3111, 6.4626



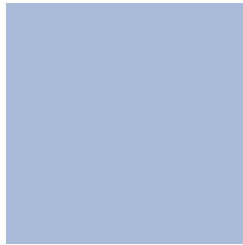
58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 184.7500, 15.8993, -12.9358 looks on a white background.

Color Contrast Check

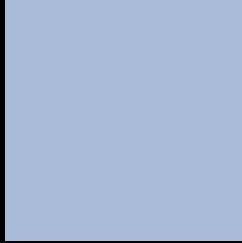
Large Text (above 18pt) WCAG AA × Fail

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 184.7500, 15.8993, -12.9358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

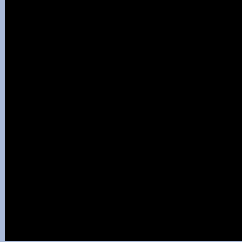
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.7500, 15.8993, -12.9358

Background



This preview shows how black text looks on a background with the YUV color 184.7500, 15.8993, -12.9358.



This preview shows how white text looks on a background with the YUV color 184.7500, 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

184.7500, 15.8993, -12.9358

Protanopia

186.0390, 14.2778, -6.1732

Deuteranopia

187.0120, 15.2771, -0.0105



Tritanopia

183.4310, 9.6475, -14.4100

Trichromacy



Original Color

184.7500, 15.8993, -12.9358

Protanomaly

185.8430, 14.8674, -8.6323

Deuteranomaly

186.3920, 15.5827, -4.7288

Tritanomaly

183.7130, 11.9735, -13.7803

Monochromacy



Original Color

184.7500, 15.8993, -12.9358

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.7500, 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(170, 186, 217)` looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 217)  
}
```

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(170, 186, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 217) }
```

Border

The CSS property to change the border of an element to YUV 184.7500, 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(170, 186, 217) }
```


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

```
.border{ border-color:rgb(170, 186, 217) }
```

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

Here you see how a box with a 4 pixel rgb(170, 186, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 186, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 186, 217);  
box-shadow:4px 4px 4px 4px rgb(170, 186,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 184.7500, 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(170, 186, 217) }
```

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

```
.background{ background-color: rgb(170,  
186, 217) }
```

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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