

Converting Colors

YUV(186.9990, -15.2825,
1.7549)

Have a look what the booklet for
YUV(186.9990, -15.2825, 1.7549)
contains.

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Color

**YUV(186.9990, -15.2825,
1.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC09C
RGB	189, 192, 156
RGB Percent	74%, 75%, 61%
CMY	0.2588, 0.2471, 0.3882
CMYK	0.02, 0.00, 0.19, 0.25
HSL	65°, 22%, 68%
HSV	65°, 19%, 75%
XYZ	45.8367, 50.9184, 38.8649
YIQ	186.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

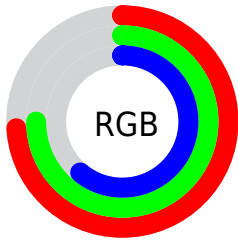
Format	Color
RYB	156, 192, 159
Decimal	12435612
CIELab	76.63, -7.17, 17.83
CIELCh	77, 19.221, 111.894
Yxy	50.9184, 0.3380, 0.3754
Android (android.graphics.Color)	4290625692 (0xFFBDC09C)
YUV	186.9990, -15.2825, 1.7549
Hunter-Lab	71.3571, -10.2145, 17.6575

Details

The YUV color **186.9990, -15.2825, 1.7549** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161.0010, 15.2825, -1.7549**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8850, -15.7193, 1.8549**, and **133.9280, -14.2615, 0.9401** is the 20% darker color. If you saturate the color by 10%, you get **184.2350, -23.2869, 2.4249**, and if you desaturate by 10%, it is **189.7630, -7.2782, 1.0848**.

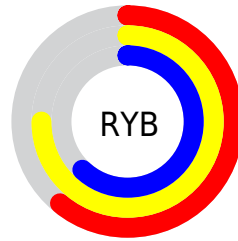
Distribution



Red (74%)

Green (75%)

Blue (61%)



Red (61%)

Yellow (75%)

Blue (62%)

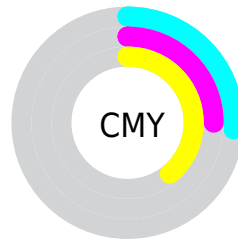


Cyan (2%)

Magenta (0%)

Yellow (19%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9990, -15.2825, 1.7549 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 186.9990, -15.2825, 1.7549 by changing the saturation by 10% instead.

■ 186.9990,
-15.2825, 1.7549

■ 186.9990,
-15.2825, 1.7549

255.0000, 0.0000,
0.0000

■ 160.1130,
-14.8457, 1.6549

■ 242.8850,
-15.7193, 1.8549

■ 133.9280,
-14.2615, 0.9401

■ 253.1760, -6.9888,
1.5996

■ 108.3410,
-13.9721, 1.4549

■ 84.1560, -13.3879,
0.7402

■ 60.6830, -12.6617,
1.1550

■ 38.4980, -12.0775,
0.4403

■ 18.5840, -9.1619,

-1.3892

0.0000, 0.0000,
0.0000

186.9990,
-15.2825, 1.7549

186.9990,
-15.2825, 1.7549

184.2350,
-23.2869, 2.4249

189.7630, -7.2782,
1.0848

181.7700,
-31.4386, 3.7097

192.2280, 0.8736,
-0.2000

178.8920,
-39.8798, 4.4797

195.1060, 9.3147,
-0.9700

176.4270,
-48.0315, 5.7645

197.5710, 17.4665,
-2.2548

173.6630,
-56.0359, 6.4345

200.3350, 25.4708,
-2.9248

■ 170.8990,
-64.0402, 7.1046

■ 201.2750, 26.4864,
-1.9952

■ 168.4340,
-72.1920, 8.3894

■ 201.5740, 26.3390,
-1.3804

■ 165.5560,
-80.6331, 9.1594

■ 202.1720, 26.0442,
-0.1508

■ 165.3280,
-81.5067, 9.3593

■ 202.4710, 25.8968,
0.4639

Harmonies

Analogous

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



188.9300, -17.2205, 16.7244



186.9990, -15.2825, 1.7549



185.2080, -8.9765, -14.2144

Triad

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



186.9990, -15.2825, 1.7549



183.9170, 15.8169, -33.2532



192.5070, 1.2290, 25.8654

Complementary

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



186.9990, -15.2825, 1.7549



161.0010, 15.2825, -1.7549

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.



192.4930, 9.1240, 13.5996



186.9990, -15.2825, 1.7549



186.9770, 18.2523, -21.0278

Square

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



186.9990, -15.2825, 1.7549



182.2990, 9.7126, -35.3422



190.1040, 15.7247, -3.5992



191.9500, -7.3703, 30.7389

Rectangle

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



186.9990, -15.2825, 1.7549



183.6350, -3.2711, -24.2359



190.1040, 15.7247, -3.5992



192.5820, 4.1501, 22.2916

Sweetspot

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



186.9990, -15.2825, 1.7549



247.9910, -6.4046, 0.8849



168.5250, -6.1748, 20.5876



123.6750, -3.7838, 0.2850



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



186.9990, -15.2825, 1.7549



241.8930, -24.5972, 2.7248



181.9160, -12.7766, -8.6963



95.5610, -4.2206, 0.3850



138.4600, -68.2608, 7.4896



28.3410, -13.9721, 1.4549

Inverse Universe

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



161.0010, 15.2825, -1.7549



200.1070, 24.5972, -2.7248



166.3830, 12.6292, 9.3111



88.4390, 4.2206, -0.3850



22.2410, 68.4082, -8.1044



4.6590, 13.9721, -1.4549

Previews

White Background



This preview shows how the YUV color 186.9990, -15.2825, 1.7549 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 186.9990, -15.2825, 1.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

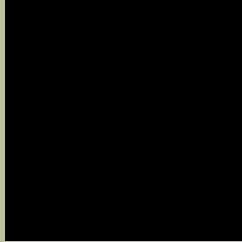
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

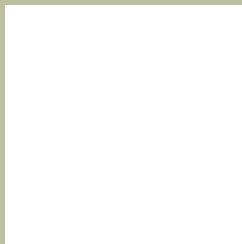
Any Text WCAG AAA ✓ Pass

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

YUV 186.9990, -15.2825, 1.7549 Background



This preview shows how black text looks on a background with the YUV color 186.9990, -15.2825, 1.7549.



This preview shows how white text looks on a background with the YUV color 186.9990, -15.2825, 1.7549.

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

186.9990, -15.2825, 1.7549

Protanopia

188.2990, -16.9094, 10.2618

Deuteranopia

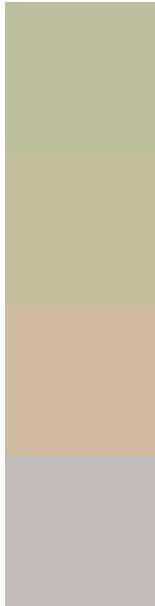
190.0280, -15.7898, 24.5314



Tritanopia

190.4010, 5.2253, 4.0333

Trichromacy



Original Color

186.9990, -15.2825, 1.7549

Protanomaly

187.8040, -16.1724, 7.1879

Deuteranomaly

188.9730, -15.7627, 15.8097

Tritanomaly

189.1530, -2.0474, 3.3738

Monochromacy



Original Color

186.9990, -15.2825, 1.7549

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.2190, -5.5310, 0.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9990, -15.2825, 1.7549 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(189, 192, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 192, 156)  
}
```

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(189, 192, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 192, 156) }
```

Border

The CSS property to change the border of an element to YUV 186.9990, -15.2825, 1.7549 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(189, 192, 156) }
```


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

```
.border{ border-color:rgb(189, 192, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 192, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 192, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 192, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 192,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 186.9990, -15.2825, 1.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 192, 156) }
```

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

```
.background{ background-color: rgb(189,  
192, 156) }
```

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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