

Converting Colors

YUV(187.0070, -20.7095,
15.7799)

Have a look what the booklet for
YUV(187.0070, -20.7095, 15.7799)
contains.

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Color

**YUV(187.0070, -20.7095,
15.7799)**

Conversions

Conversions Part 1	
Format	Color
Hex	CDBA91
RGB	205, 186, 145
RGB Percent	80%, 73%, 57%
CMY	0.1961, 0.2706, 0.4314
CMYK	0.00, 0.09, 0.29, 0.20
HSL	41°, 38%, 69%
HSV	41°, 29%, 80%
XYZ	47.8466, 50.1413, 33.9445
YIQ	187.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

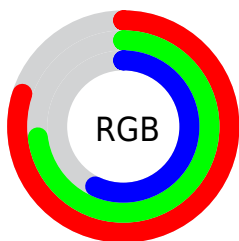
Format	Color
RYB	173, 205, 145
Decimal	13482641
CIELab	76.16, 0.52, 23.28
CIELCh	76, 23.283, 88.711
Yxy	50.1413, 0.3627, 0.3801
Android (android.graphics.Color)	4291672721 (0xFFCDBA91)
YUV	187.0070, -20.7095, 15.7799
Hunter-Lab	70.8105, -3.3061, 21.1454

Details

The YUV color **187.0070, -20.7095, 15.7799** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162.9930, 20.7095, -15.7799**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9850, -20.6986, 12.2912**, and **133.6370, -19.5410, 14.3504** is the 20% darker color. If you saturate the color by 10%, you get **181.0910, -28.1459, 20.9682**, and if you desaturate by 10%, it is **192.9230, -13.2730, 10.5915**.

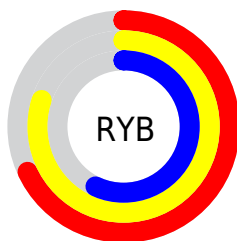
Distribution



Red (80%)

Green (73%)

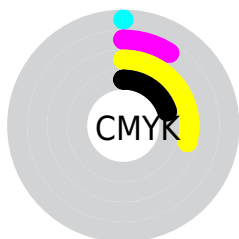
Blue (57%)



Red (68%)

Yellow (80%)

Blue (57%)

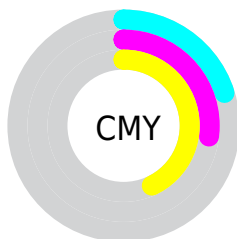


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.0070, -20.7095, 15.7799 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 187.0070, -20.7095, 15.7799 by changing the saturation by 10% instead.


 187.0070,
-20.7095, 15.7799


 187.0070,
-20.7095, 15.7799


255.0000, 0.0000,
0.0000


 159.8220,
-20.1252, 15.0651


 240.9850,
-20.6986, 12.2912


 133.6370,
-19.5410, 14.3504

 251.8080,
-12.2303, 2.7994

 108.4520,
-18.9568, 13.6356


 83.9680, -18.2252,
12.3061


 60.5980, -17.0568,
10.8766

 37.9570, -18.2198,
10.5617


 19.2260, -9.4784,


6.8178

 0.0000, 0.0000,
0.0000


 187.0070,
-20.7095, 15.7799


 187.0070,
-20.7095, 15.7799


 181.0910,
-28.1459, 20.9682


 192.9230,
-13.2730, 10.5915


 174.7020,
-34.8561, 26.5713


 199.3120, -6.5628,
4.9884

 168.7860,
-42.2925, 31.7597

 205.2280, 0.8736,
-0.2000

 162.3970,
-49.0027, 37.3628

 211.6170, 7.5838,
-5.8031

 156.4810,
-56.4391, 42.5512

 217.5330, 15.0202,
-10.9914

■ 150.0920,
-63.1494, 48.1543

■ 222.4400, 16.0521,
-15.2949

■ 144.1760,
-70.5858, 53.3426

■ 225.9620, 14.3157,
-18.3837

■ 143.4750,
-70.7332, 53.9574

■ 230.0710, 12.2900,
-21.9873

■ 233.5930, 10.5537,
-25.0761

Harmonies

Analogous

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



189.0780, -18.2795, 29.7496



187.0070, -20.7095, 15.7799



184.8090, -17.1608, -2.4635

Triad

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



187.0070, -20.7095, 15.7799



178.4980, 14.5445, -45.1637



191.5370, 9.1023, 20.5771

Complementary

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



187.0070, -20.7095, 15.7799



162.9930, 20.7095, -15.7799

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.



189.8810, 17.3137, 0.1044



187.0070, -20.7095, 15.7799



181.5510, 20.9274, -39.0712

Square

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



187.0070, -20.7095, 15.7799



179.5670, 3.1715, -37.3313



185.8890, 21.7467, -21.8277



191.6820, -0.8292, 32.7279

Rectangle

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



187.0070, -20.7095, 15.7799



182.5130, -11.5919, -15.3589



185.8890, 21.7467, -21.8277



191.3020, 12.1761, 14.6441

Sweetspot

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



187.0070, -20.7095, 15.7799



248.2690, -8.0206, 5.9031



165.1060, -0.5453, 34.9870



123.3550, -5.1050, 4.0737



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.



187.0070, -20.7095, 15.7799



228.4180, -30.7721, 23.3124



195.1700, -24.7338, -0.1491



99.0990, -3.4998, 2.5442



115.9650, -57.1707, 43.8807



26.6240, -13.1256, 9.9768

Inverse Universe

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



162.9930, 20.7095, -15.7799



192.5820, 30.7721, -23.3124



155.1290, 24.5864, 0.7639



94.9010, 3.4998, -2.5442



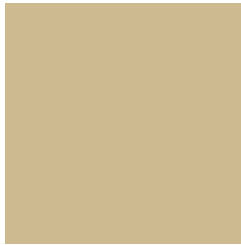
49.4480, 57.4601, -43.3659



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 187.0070, -20.7095, 15.7799 looks on a white background.

Color Contrast Check

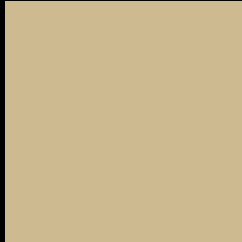
Large Text (above 18pt) WCAG AA × Fail

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 187.0070, -20.7095, 15.7799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

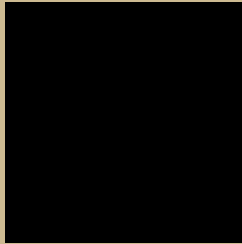
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0070, -20.7095, 15.7799

Background



This preview shows how black text looks on a background with the YUV color 187.0070, -20.7095, 15.7799.

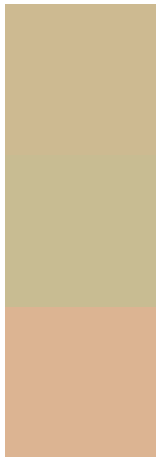


This preview shows how white text looks on a background with the YUV color 187.0070, -20.7095,

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

187.0070, -20.7095, 15.7799

Protanopia

186.8000, -20.1144, 11.5764

Deuteranopia

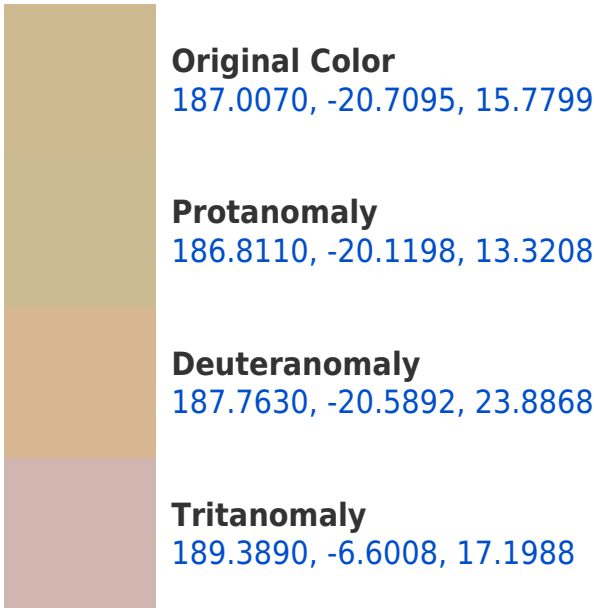
188.0840, -20.7474, 27.9903



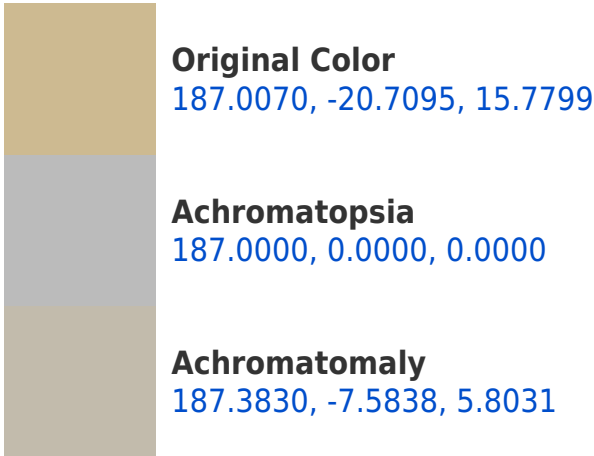
Tritanopia

190.1640, 1.3981, 18.2732

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0070, -20.7095, 15.7799 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(205, 186, 145)` looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 145)  
}
```

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(205, 186, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 145) }
```

Border

The CSS property to change the border of an element to YUV 187.0070, -20.7095, 15.7799 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(205, 186, 145) }
```


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

```
.border{ border-color:rgb(205, 186, 145) }
```

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

Here you see how a box with a 4 pixel rgb(205, 186, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 186, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 186, 145);  
box-shadow:4px 4px 4px 4px rgb(205, 186,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 187.0070, -20.7095, 15.7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 145) }
```

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

```
.background{ background-color: rgb(205,  
186, 145) }
```

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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