

Converting Colors

YUV(185.8370, -12.7376,
25.5760)

Have a look what the booklet for
YUV(185.8370, -12.7376, 25.5760)
contains.

YUV(185.8370, -12.7376, 25.5760)	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(185.8370, -12.7376,
25.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B0A0
RGB	215, 176, 160
RGB Percent	84%, 69%, 63%
CMY	0.1569, 0.3098, 0.3725
CMYK	0.00, 0.18, 0.26, 0.16
HSL	17°, 41%, 74%
HSV	17°, 26%, 84%
XYZ	49.8948, 48.0358, 39.8998
YIQ	185.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

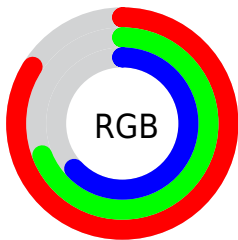
Format	Color
R _Y B	215, 183, 160
Decimal	14135456
CIE Lab	74.85, 11.76, 13.51
CIE LCh	75, 17.914, 48.969
Yxy	48.0358, 0.3620, 0.3485
Android (android.graphics.Color)	4292325536 (0xFFD7B0A0)
YUV	185.8370, -12.7376, 25.5760
Hunter-Lab	69.3079, 7.2136, 14.3829

Details

The YUV color $185.8370, -12.7376, 25.5760$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $189.1630, 12.7376, -25.5760$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.9390, -10.8159, 15.8395$, and $132.1680, -11.4218, 23.5317$ is the 20% darker color. If you saturate the color by 10%, you get $174.6380, -17.5695, 35.3975$, and if you desaturate by 10%, it is $197.1500, -7.4689, 15.6545$.

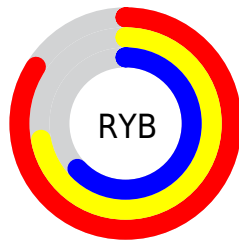
Distribution



Red (84%)

Green (69%)

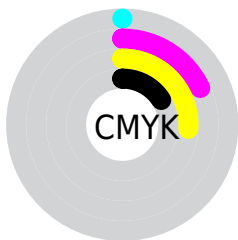
Blue (63%)



Red (84%)

Yellow (72%)

Blue (63%)

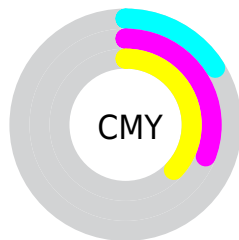


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.8370, -12.7376, 25.5760 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 185.8370, -12.7376, 25.5760 by changing the saturation by 10% instead.

■ 185.8370,
-12.7376, 25.5760

■ 185.8370,
-12.7376, 25.5760

■ 255.0000, 0.0000,
0.0000

■ 158.6520,
-12.1534, 24.8612

■ 236.9390,
-10.8159, 15.8395

■ 132.1680,
-11.4218, 23.5317

■ 253.6320, -5.2416,
1.1997

■ 106.8690,
-11.2744, 22.9169

■ 82.9720, -10.8322,
21.0726

■ 59.4880, -10.1006,
19.7430

■ 36.8190, -8.7848,
17.6987

■ 15.4600, -7.6218,

18.0136

■ 0.0000, 0.0000,
0.0000

■ 185.8370,
-12.7376, 25.5760

■ 185.8370,
-12.7376, 25.5760

■ 174.6380,
-17.5695, 35.3975

■ 197.1500, -7.4689,
15.6545

■ 163.3250,
-22.8382, 45.3190

■ 208.3490, -2.6371,
5.8329

■ 151.4250,
-27.8175, 55.7553

■ 220.2490, 2.3422,
-4.6034

■ 140.2260,
-32.6494, 65.5768

■ 231.4480, 7.1741,
-14.4249

■ 128.9130,
-37.9181, 75.4983

■ 241.2790, 6.7645,
-23.0467

■ 117.7140,
-42.7500, 85.3198

■ 243.0400, 5.8963,
-24.5911

■ 105.8140,
-47.7293, 95.7561

■ 101.2660,
-49.9241, 99.7447

Harmonies

Analogous

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



186.8680, -6.3439, 28.1798



185.8370, -12.7376, 25.5760



184.2720, -15.9101, 16.4245

Triad

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



185.8370, -12.7376, 25.5760



178.3190, -0.6503, -24.8358



184.8650, 14.8566, -5.1436

Complementary

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



185.8370, -12.7376, 25.5760



189.1630, 12.7376, -25.5760

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.



182.2220, 16.6526, -21.2427



185.8370, -12.7376, 25.5760



178.1530, 7.8126, -32.5832

Square

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



185.8370, -12.7376, 25.5760



180.5180, -9.1294, -11.8553



179.4720, 14.0643, -31.1089



187.1830, 9.2768, 11.2405

Rectangle

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



185.8370, -12.7376, 25.5760



183.3310, -15.4462, 7.6027



179.4720, 14.0643, -31.1089



184.0600, 15.7464, -10.5766

Sweetspot

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



185.8370, -12.7376, 25.5760



244.5020, -4.6845, 9.2067



180.8910, 8.9277, 29.9136



120.6480, -2.7845, 6.4477



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.



185.8370, -12.7376, 25.5760



213.1220, -18.3011, 36.7270



201.6860, -20.5512, 11.6764



101.6370, -2.7790, 4.7034



80.4790, -39.6761, 79.3869



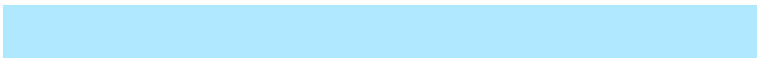
20.4880, -10.1006, 19.7430

Inverse Universe

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



189.1630, 12.7376, -25.5760



217.8780, 18.3011, -36.7270



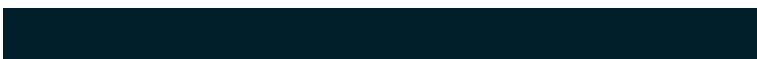
173.3140, 20.5512, -11.6764



101.9500, 2.4897, -5.2181



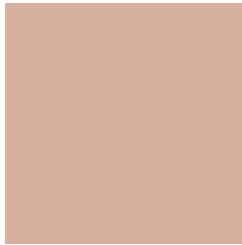
90.5210, 39.6761, -79.3869



23.0990, 9.8112, -20.2578

Previews

White Background



This preview shows how the YUV color 185.8370, -12.7376, 25.5760 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 185.8370, -12.7376, 25.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

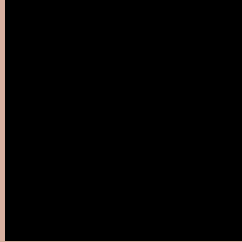
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.8370, -12.7376, 25.5760

Background



This preview shows how black text looks on a background with the YUV color 185.8370, -12.7376, 25.5760.



This preview shows how white text looks on a background with the YUV color 185.8370, -12.7376, 25.5760.

25.5760.

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

185.8370, -12.7376, 25.5760

Protanopia

184.1120, -9.9152, 6.9178

Deuteranopia

185.8150, -12.7268, 22.0872



Tritanopia

187.3500, -0.6656, 26.8800

Trichromacy



Original Color

185.8370, -12.7376, 25.5760

Protanomaly

184.6290, -10.6631, 13.4804

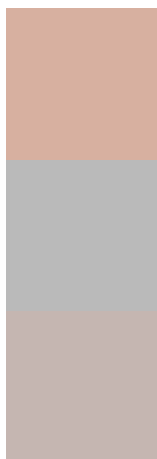
Deuteranomaly

185.5270, -12.5848, 23.2168

Tritanomaly

186.6120, -4.7387, 26.6503

Monochromacy



Original Color

185.8370, -12.7376, 25.5760

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.8370, -12.7376, 25.5760 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(215, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 160)  
}
```

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(215, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 160) }
```

Border

The CSS property to change the border of an element to YUV 185.8370, -12.7376, 25.5760 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(215, 176, 160) }
```


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

```
.border{ border-color:rgb(215, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(215, 176,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 185.8370, -12.7376, 25.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 160) }
```

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

```
.background{ background-color: rgb(215,  
176, 160) }
```

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