

Converting Colors

YUV(187.9790, -34.9926,
23.6974)

Have a look what the booklet for
YUV(187.9790, -34.9926, 23.6974)
contains.

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Color

**YUV(187.9790, -34.9926,
23.6974)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BC75
RGB	215, 188, 117
RGB Percent	84%, 74%, 46%
CMY	0.1569, 0.2627, 0.5412
CMYK	0.00, 0.13, 0.46, 0.16
HSL	43°, 55%, 65%
HSV	43°, 46%, 84%
XYZ	49.2184, 51.6979, 24.2142
YIQ	187.9790, 38.8830, -16.3570

Conversions

Conversions Part 2

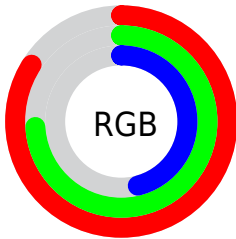
Format	Color
RYB	154, 215, 117
Decimal	14138485
CIELab	77.10, 0.22, 39.35
CIELCh	77, 39.346, 89.678
Yxy	51.6979, 0.3933, 0.4132
Android (android.graphics.Color)	4292328565 (0xFFD7BC75)
YUV	187.9790, -34.9926, 23.6974
Hunter-Lab	71.9012, -3.6388, 30.3637

Details

The YUV color **187.9790, -34.9926, 23.6974** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **144.0210, 34.9926, -23.6974**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8530, -33.9445, 14.1609**, and **134.1250, -33.0926, 20.9384** is the 20% darker color. If you saturate the color by 10%, you get **181.9490, -42.8659, 28.9857**, and if you desaturate by 10%, it is **194.0090, -27.1194, 18.4091**.

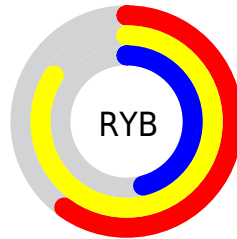
Distribution



Red (84%)

Green (74%)

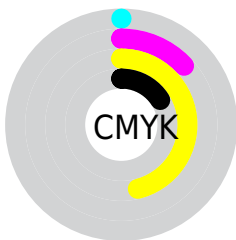
Blue (46%)



Red (60%)

Yellow (84%)

Blue (46%)

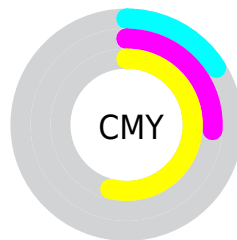


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (16%)



Cyan (16%)

Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9790, -34.9926, 23.6974 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 187.9790, -34.9926, 23.6974 by changing the saturation by 10% instead.

■ 187.9790,
-34.9926, 23.6974

■ 187.9790,
-34.9926, 23.6974

255.0000, 0.0000,
0.0000

■ 160.6090,
-33.8242, 22.2679

■ 238.8530,
-33.9445, 14.1609

■ 134.1250,
-33.0926, 20.9384

■ 248.5020,
-24.8975, 5.6987

■ 108.6410,
-32.3610, 19.6088

■ 251.6940,
-12.6671, 2.8994

■ 83.6300, -32.3556,
17.8645

■ 60.3030, -29.7294,
15.5203

■ 39.9140, -19.6776,
11.4764

■ 20.9980, -10.3520,

7.0178

■ 0.0000, 0.0000,
0.0000

■ 187.9790,
-34.9926, 23.6974

■ 187.9790,
-34.9926, 23.6974

■ 181.9490,
-42.8659, 28.9857

■ 194.0090,
-27.1194, 18.4091

■ 176.0330,
-50.3023, 34.1741

■ 199.9250,
-19.6830, 13.2208

■ 170.0030,
-58.1755, 39.4624

■ 205.9550,
-11.8098, 7.9325

■ 164.0870,
-65.6119, 44.6507

■ 211.8710, -4.3734,
2.7441

■ 158.0570,
-73.4851, 49.9390

■ 217.9010, 3.4998,
-2.5442

■ 155.8570,
-76.8375, 51.8684

■ 223.8170, 10.9362,
-7.7325

■ 227.7780, 13.4204,
-11.2063

■ 231.3000, 11.6841,
-14.2951

■ 234.8220, 9.9478,
-17.3839

Harmonies

Analogous

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



190.3870, -30.2638, 47.0186



187.9790, -34.9926, 23.6974



184.1000, -28.6433, -6.2267

Triad

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



187.9790, -34.9926, 23.6974



162.3860, 30.8687, -101.1935



195.7590, 15.8948, 35.2914

Complementary

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



187.9790, -34.9926, 23.6974



144.0210, 34.9926, -23.6974

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.



193.2090, 29.9700, 0.6937



187.9790, -34.9926, 23.6974



171.4990, 39.6870, -82.8756

Square

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



187.9790, -34.9926, 23.6974



170.8290, 8.9583, -73.5180



184.2100, 34.8995, -40.5262



193.2270, -0.6049, 54.1749

Rectangle

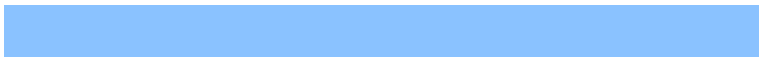
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.9790, -34.9926, 23.6974



180.4870, -18.9741, -27.6141



184.2100, 34.8995, -40.5262



195.0720, 21.1635, 25.3699

Sweetspot

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



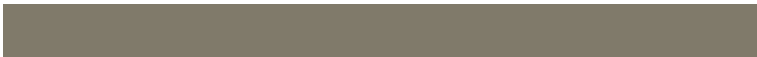
187.9790, -34.9926, 23.6974



245.0260, -12.8308, 8.7472



149.4940, -2.2155, 57.4488



121.9700, -7.8732, 5.2883



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.



187.9790, -34.9926, 23.6974



216.1470, -49.8655, 34.0741



197.5490, -39.7107, -3.1125



103.9850, -3.9366, 2.6442



123.9170, -61.0911, 41.2918



31.0540, -15.3096, 10.4766

Inverse Universe

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



144.0210, 34.9926, -23.6974



153.2660, 50.1549, -33.5593



134.4510, 39.7107, 3.1125



99.0150, 3.9366, -2.6442



47.0830, 61.0911, -41.2918



11.9460, 15.3096, -10.4766

Previews

White Background



This preview shows how the YUV color 187.9790, -34.9926, 23.6974 looks on a white background.

Color Contrast Check

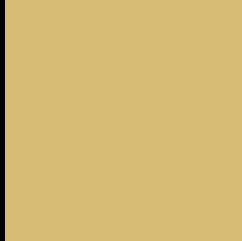
Large Text (above 18pt) WCAG AA × Fail

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 187.9790, -34.9926, 23.6974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

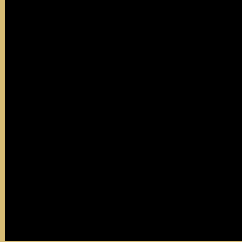
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.9790, -34.9926, 23.6974

Background



This preview shows how black text looks on a background with the YUV color 187.9790, -34.9926, 23.6974.



This preview shows how white text looks on a background with the YUV color 187.9790, -34.9926, 23.6974.

23.6974.

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

187.9790, -34.9926, 23.6974

Protanopia

187.7610, -34.3922, 17.7496

Deuteranopia

189.0560, -35.0306, 35.9079



Tritanopia

193.7520, -0.3707, 25.6505

Trichromacy



Original Color

187.9790, -34.9926, 23.6974

Protanomaly

188.0710, -34.5450, 20.1087

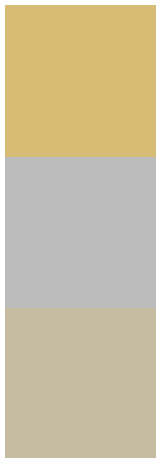
Deuteranomaly

188.7350, -34.8724, 31.8044

Tritanomaly

191.4240, -13.0270, 25.0612

Monochromacy



Original Color

187.9790, -34.9926, 23.6974

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0260, -12.8308, 8.7472

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9790, -34.9926, 23.6974 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, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(215, 188, 117)  
}
```

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, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 188, 117) }
```

Border

The CSS property to change the border of an element to YUV 187.9790, -34.9926, 23.6974 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, 188, 117) }
```


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

```
.border{ border-color:rgb(215, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(215, 188,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 187.9790, -34.9926, 23.6974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 188, 117) }
```

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

```
.background{ background-color: rgb(215,  
188, 117) }
```

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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