

Converting Colors

YUV(185.0790, -46.8739,
7.8237)

Have a look what the booklet for
YUV(185.0790, -46.8739, 7.8237)
contains.

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Color

**YUV(185.0790, -46.8739,
7.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C75A
RGB	194, 199, 90
RGB Percent	76%, 78%, 35%
CMY	0.2392, 0.2196, 0.6471
CMYK	0.03, 0.00, 0.55, 0.22
HSL	63°, 49%, 57%
HSV	63°, 55%, 78%
XYZ	44.5170, 53.0544, 17.5671
YIQ	185.0790, 32.0090, -34.9590

Conversions

Conversions Part 2

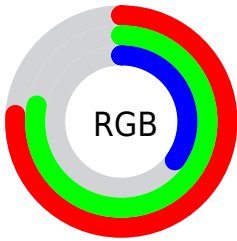
Format	Color
RYB	90, 199, 95
Decimal	12765018
CIELab	77.91, -16.47, 53.03
CIELCh	78, 55.530, 107.257
Yxy	53.0544, 0.3866, 0.4608
Android (android.graphics.Color)	4290955098 (0xFFC2C75A)
YUV	185.0790, -46.8739, 7.8237
Hunter-Lab	72.8384, -18.3725, 36.6874

Details

The YUV color **185.0790, -46.8739, 7.8237** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **103.9210, 46.8739, -7.8237**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3350, -48.4792, 9.3532**, and **130.5950, -46.1423, 6.4942** is the 20% darker color. If you saturate the color by 10%, you get **182.5000, -55.4625, 9.2085**, and if you desaturate by 10%, it is **187.6580, -38.2854, 6.4389**.

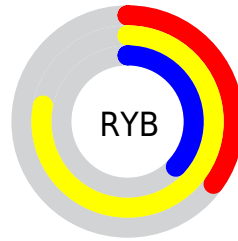
Distribution



Red (76%)

Green (78%)

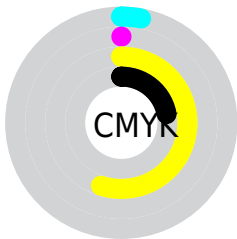
Blue (35%)



Red (35%)

Yellow (78%)

Blue (37%)

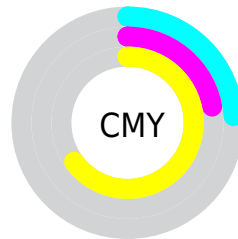


Cyan (3%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.0790, -46.8739, 7.8237 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 185.0790, -46.8739, 7.8237 by changing the saturation by 10% instead.

■ 185.0790,
-46.8739, 7.8237

■ 185.0790,
-46.8739, 7.8237

255.0000, 0.0000,
0.0000

■ 157.8940,
-46.2897, 7.1090

■ 241.3350,
-48.4792, 9.3532

■ 130.5950,
-46.1423, 6.4942

■ 245.4240,
-36.6910, 8.3982

■ 103.6290,
-51.0891, 6.4644

■ 248.6160,
-24.4607, 5.5988

■ 80.8810, -39.8743,
2.7354

■ 251.8080,
-12.2303, 2.7994

■ 59.3180, -29.2438,
-0.2789

■ 38.6300, -19.0446,
-4.9375

■ 17.6210, -8.6872,

-13.6996

■ 0.0000, 0.0000,
0.0000

■ 185.0790,
-46.8739, 7.8237

■ 185.0790,
-46.8739, 7.8237

■ 182.5000,
-55.4625, 9.2085

■ 187.6580,
-38.2854, 6.4389

■ 179.9210,
-64.0511, 10.5933

■ 190.2370,
-29.6968, 5.0542

■ 177.3420,
-72.6396, 11.9781

■ 192.8160,
-21.1083, 3.6694

■ 174.7630,
-81.2282, 13.3628

■ 195.3950,
-12.5197, 2.2846

■ 173.6230,
-85.5961, 14.3626

■ 197.9740, -3.9312,
0.8998

■ 200.1400, 4.3680,
-0.9998

■ 202.7190, 12.9565,
-2.3846

■ 205.2980, 21.5451,
-3.7693

■ 206.2810, 24.0185,
-3.7544

Harmonies

Analogous

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



189.4520, -49.0298, 46.0846



185.0790, -46.8739, 7.8237



177.9020, -28.5457, -37.6251

Triad

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



185.0790, -46.8739, 7.8237



155.2750, 49.1644, -136.1762



190.2070, 13.2089, 56.8235

Complementary

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



185.0790, -46.8739, 7.8237



103.9210, 46.8739, -7.8237

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.



197.0650, 28.5620, 32.3920



185.0790, -46.8739, 7.8237



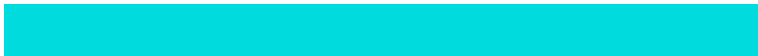
148.8180, 52.3477, -130.5134

Square

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



185.0790, -46.8739, 7.8237



153.8610, 33.5925, -134.9361



187.2660, 33.3929, -23.9123



183.1050, -8.9258, 63.0519

Rectangle

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



185.0790, -46.8739, 7.8237



168.8230, -8.7867, -75.2668



187.2660, 33.3929, -23.9123



194.4930, 19.4770, 53.0646

Sweetspot

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



185.0790, -46.8739, 7.8237



249.7280, -17.6139, 2.8695



124.9390, -17.2249, 64.9515



124.5520, -10.6251, 1.2699



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.



185.0790, -46.8739, 7.8237



233.4560, -72.2028, 11.8781



169.2320, -39.0614, -24.7595



97.9740, -3.9312, 0.8998



142.3250, -70.1662, 11.9930



31.2980, -15.4299, 2.3697

Inverse Universe

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



103.9210, 46.8739, -7.8237



108.2450, 72.3502, -12.4929



119.7680, 39.0614, 24.7595



91.0260, 3.9312, -0.8998



20.6750, 70.1662, -11.9930



4.7020, 15.4299, -2.3697

Previews

White Background



This preview shows how the YUV color 185.0790, -46.8739, 7.8237 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 185.0790, -46.8739, 7.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

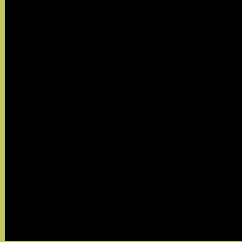
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.0790, -46.8739, 7.8237

Background



This preview shows how black text looks on a background with the YUV color 185.0790, -46.8739, 7.8237.



This preview shows how white text looks on a background with the YUV color 185.0790, -46.8739, 7.8237.

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

185.0790, -46.8739, 7.8237

Protanopia

187.0100, -48.8119, 22.7932

Deuteranopia

189.0000, -46.8350, 42.0960



Tritanopia

194.3910, 3.7512, 10.1811

Trichromacy



Original Color

185.0790, -46.8739, 7.8237

Protanomaly

186.2050, -47.9221, 17.3602

Deuteranomaly

187.6240, -46.6496, 29.2708

Tritanomaly

190.8690, -14.7254, 9.7619

Monochromacy



Original Color

185.0790, -46.8739, 7.8237

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8420, -17.1771, 2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.0790, -46.8739, 7.8237 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(194, 199, 90)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 90)  
}
```

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(194, 199, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 90) }
```

Border

The CSS property to change the border of an element to YUV 185.0790, -46.8739, 7.8237 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(194, 199, 90) }
```


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

```
.border{ border-color:rgb(194, 199, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 90);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 185.0790, -46.8739, 7.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 90) }
```

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

```
.background{ background-color: rgb(194,  
199, 90) }
```

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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