

Converting Colors

YUV(209.3610, -47.9990,
-4.7016)

Have a look what the booklet for
YUV(209.3610, -47.9990, -4.7016)
contains.

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Color

**YUV(209.3610, -47.9990,
-4.7016)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE770
RGB	204, 231, 112
RGB Percent	80%, 91%, 44%
CMY	0.2000, 0.0941, 0.5608
CMYK	0.12, 0.00, 0.52, 0.09
HSL	74°, 71%, 67%
HSV	74°, 52%, 91%
XYZ	56.4024, 71.1590, 26.0916
YIQ	209.3610, 22.1070, -42.7330

Conversions

Conversions Part 2

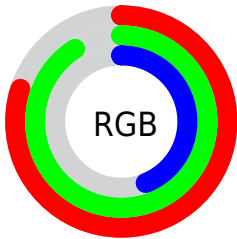
Format	Color
RYB	112, 231, 139
Decimal	13428592
CIELab	87.56, -26.22, 54.33
CIELCh	88, 60.327, 115.763
Yxy	71.1590, 0.3671, 0.4631
Android (android.graphics.Color)	4291618672 (0xFFCCE770)
YUV	209.3610, -47.9990, -4.7016
Hunter-Lab	84.3558, -28.2732, 40.7104

Details

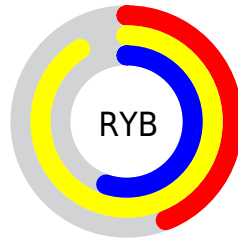
The YUV color **209.3610, -47.9990, -4.7016** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **133.6390, 47.9990, 4.7016**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8540, -38.8750, 8.8980**, and **153.7030, -46.6886, -5.0015** is the 20% darker color. If you saturate the color by 10%, you get **205.2440, -57.3083, -5.4760**, and if you desaturate by 10%, it is **213.4780, -38.6897, -3.9272**.

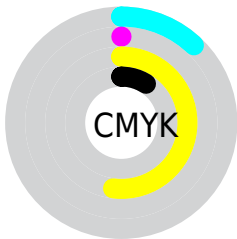
Distribution



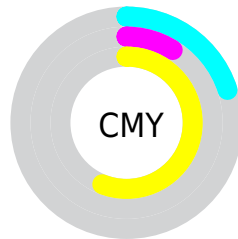
- Red (80%)
- Green (91%)
- Blue (44%)



- Red (44%)
- Yellow (91%)
- Blue (55%)



- Cyan (12%)
- Magenta (0%)
- Yellow (52%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3610, -47.9990, -4.7016 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 209.3610, -47.9990, -4.7016 by changing the saturation by 10% instead.

■ 209.3610,
-47.9990, -4.7016

■ 209.3610,
-47.9990, -4.7016

255.0000, 0.0000,
0.0000

■ 181.1760,
-47.4148, -5.4164

■ 244.8540,
-38.8750, 8.8980

■ 153.7030,
-46.6886, -5.0015

■ 248.0460,
-26.6447, 6.0987

■ 126.7630,
-47.7042, -5.9312

■ 251.3520,
-13.9775, 3.1993

■ 100.0080,
-49.3039, -6.1460

254.6580, -1.3104,
0.2999

■ 77.5590, -38.2366,
-9.2602

■ 55.6970, -27.4586,
-12.8893

■ 33.5250, -16.5278,

-18.8774

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 209.3610,
-47.9990, -4.7016

■ 209.3610,
-47.9990, -4.7016

■ 205.2440,
-57.3083, -5.4760

■ 213.4780,
-38.6897, -3.9272

■ 201.1270,
-66.6176, -6.2504


■ 217.5950,
-29.3803, -3.1528

■ 196.7110,
-75.7795, -7.6395


■ 222.0110,
-20.2184, -1.7636

■ 192.5940,
-85.0888, -8.4139


■ 226.1280,
-10.9091, -0.9893


 189.1180,
-93.2352, -8.8735

 230.3590, -1.1630,
-0.3148

 234.4760, 8.1463,
0.4595

 236.7260, 9.0091,
3.7483

 238.2210, 8.2720,
6.8222

 239.7160, 7.5350,
9.8961

Harmonies

Analogous

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



213.4910, -54.9651, 36.4034



209.3610, -47.9990, -4.7016



200.1490, -23.2445, -58.0127

Triad

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



209.3610, -47.9990, -4.7016



171.1240, 41.3509, -150.0757



203.4290, 13.0995, 45.2278

Complementary

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



209.3610, -47.9990, -4.7016



133.6390, 47.9990, 4.7016

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.



214.4970, 19.9680, 35.5211



209.3610, -47.9990, -4.7016



190.7130, 31.6935, -85.6943

Square

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



209.3610, -47.9990, -4.7016



174.6460, 39.6145, -153.1645



214.2550, 20.0873, -2.8546



198.6920, -12.6662, 49.3821

Rectangle

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



209.3610, -47.9990, -4.7016



184.7740, 2.0834, -108.5498



214.2550, 20.0873, -2.8546



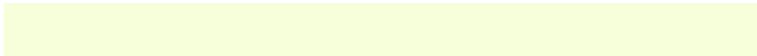
207.3560, 20.5305, 41.7838

Sweetspot

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



209.3610, -47.9990, -4.7016



247.9770, -15.2717, -1.7338



162.8430, -25.0656, 59.7737



123.5840, -9.1619, -1.3892



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.



209.3610, -47.9990, -4.7016



226.2240, -63.7074, -6.3354



192.0190, -39.4494, -40.3587



112.7350, -4.7994, -0.6446



146.3350, -72.1432, -7.3098



41.5980, -20.5078, -2.2784

Inverse Universe

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



133.6390, 47.9990, 4.7016



125.7760, 63.7074, 6.3354



150.9810, 39.4494, 40.3587



105.2650, 4.7994, 0.6446



32.3660, 72.2906, 6.6950



9.4020, 20.5078, 2.2784

Previews

White Background



This preview shows how the YUV color 209.3610, -47.9990, -4.7016 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 209.3610, -47.9990, -4.7016 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 209.3610, -47.9990, -4.7016

Background



This preview shows how black text looks on a background with the YUV color 209.3610, -47.9990, -4.7016.



This preview shows how white text looks on a background with the YUV color 209.3610, -47.9990, -4.7016.

-4.7016.

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

209.3610, -47.9990, -4.7016

Protanopia

213.2230, -51.8749, 25.2374

Deuteranopia

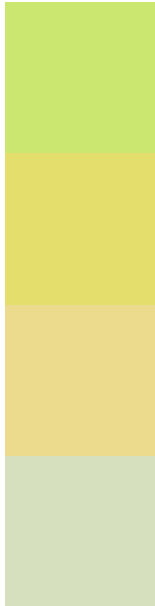
218.4730, -30.7992, 32.0342



Tritanopia

220.2370, 7.2782, -1.0848

Trichromacy



Original Color

209.3610, -47.9990, -4.7016

Protanomaly

211.4990, -50.5320, 14.4714

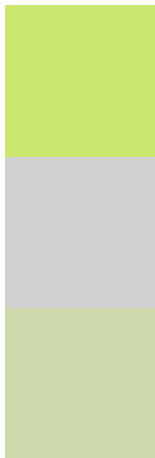
Deuteranomaly

215.0770, -37.0130, 18.3495

Tritanomaly

216.5470, -13.0877, -2.2337

Monochromacy



Original Color

209.3610, -47.9990, -4.7016

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1080, -17.3082, -1.8487

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3610, -47.9990, -4.7016 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(204, 231, 112)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 112)  
}
```

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(204, 231, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 112) }
```

Border

The CSS property to change the border of an element to YUV 209.3610, -47.9990, -4.7016 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(204, 231, 112) }
```


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

```
.border{ border-color:rgb(204, 231, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 112);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 209.3610, -47.9990, -4.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 112) }
```

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

```
.background{ background-color: rgb(204,  
231, 112) }
```

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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