

Converting Colors

YUV(209.5780, -47.1200,
-6.6459)

Have a look what the booklet for
YUV(209.5780, -47.1200, -6.6459)
contains.

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Color

**YUV(209.5780, -47.1200,
-6.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE872
RGB	202, 232, 114
RGB Percent	79%, 91%, 45%
CMY	0.2078, 0.0902, 0.5529
CMYK	0.13, 0.00, 0.51, 0.09
HSL	75°, 72%, 68%
HSV	75°, 51%, 91%
XYZ	56.2510, 71.4847, 26.7528
YIQ	209.5780, 19.9980, -43.0580

Conversions

Conversions Part 2

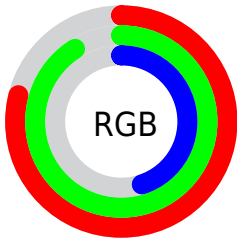
Format	Color
RYB	114, 232, 144
Decimal	13297778
CIELab	87.72, -27.28, 53.56
CIELCh	88, 60.107, 116.988
Yxy	71.4847, 0.3641, 0.4627
Android (android.graphics.Color)	4291487858 (0xFFCAE872)
YUV	209.5780, -47.1200, -6.6459
Hunter-Lab	84.5486, -29.2023, 40.4236

Details

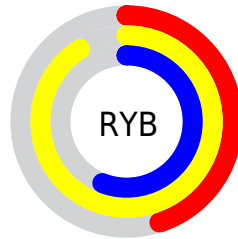
The YUV color $209.5780, -47.1200, -6.6459$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $136.4220, 47.1200, 6.6459$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0820, -38.0014, 8.6981$, and $153.9200, -45.8096, -6.9458$ is the 20% darker color. If you saturate the color by 10%, you get $205.1620, -56.2819, -8.0351$, and if you desaturate by 10%, it is $213.9940, -37.9580, -5.2567$.

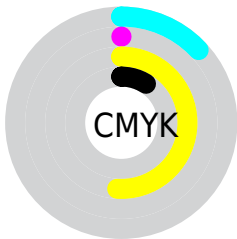
Distribution



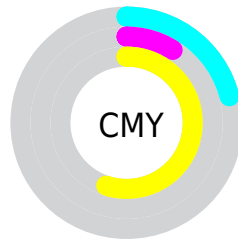
- Red (79%)
- Green (91%)
- Blue (45%)



- Red (45%)
- Yellow (91%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (51%)
- Black (9%)



- Cyan (21%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5780, -47.1200, -6.6459 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 209.5780, -47.1200, -6.6459 by changing the saturation by 10% instead.

■ 209.5780,
-47.1200, -6.6459

■ 209.5780,
-47.1200, -6.6459

255.0000, 0.0000,
0.0000

■ 181.6920,
-46.6832, -6.7459

■ 245.0820,
-38.0014, 8.6981

■ 153.9200,
-45.8096, -6.9458

■ 248.3880,
-25.3343, 5.7987

■ 127.0940,
-46.3883, -7.9754

■ 251.5800,
-13.1039, 2.9993

■ 100.2960,
-49.4459, -7.2756

254.8860, -0.4368,
0.1000

■ 77.5480, -38.2312,
-11.0046

■ 55.9850, -27.6006,
-14.0188

■ 33.2150, -16.3750,

-21.2366

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 209.5780,
-47.1200, -6.6459

■ 209.5780,
-47.1200, -6.6459

■ 205.1620,
-56.2819, -8.0351

■ 213.9940,
-37.9580, -5.2567

■ 200.7460,
-65.4438, -9.4242

■ 218.4100,
-28.7961, -3.8676

■ 196.2160,
-75.0425, -10.7134

■ 222.9400,
-19.1974, -2.5784

■ 191.8000,
-84.2044, -12.1026

■ 227.3560,
-10.0355, -1.1892

■ 187.9110,
-92.6401, -13.0769

■ 231.4730, -0.7262,
-0.4148

■ 235.8890, 8.4357,
0.9743

■ 237.9110, 8.4249,
4.4631

■ 239.7050, 7.5404,
8.1517

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



214.0780, -55.2545, 35.8886



209.5780, -47.1200, -6.6459



199.4800, -21.9286, -60.0570

Triad

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



209.5780, -47.1200, -6.6459



171.1240, 41.3509, -150.0757



203.2010, 12.2259, 45.4277

Complementary

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



209.5780, -47.1200, -6.6459



136.4220, 47.1200, 6.6459

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.



213.9100, 20.2574, 36.0359



209.5780, -47.1200, -6.6459



193.4040, 30.3668, -80.1613

Square

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



209.5780, -47.1200, -6.6459



174.6460, 39.6145, -153.1645



214.8640, 19.7870, 0.1193



199.0510, -13.8291, 49.0673

Rectangle

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



209.5780, -47.1200, -6.6459



184.2080, 3.8415, -112.4384



214.8640, 19.7870, 0.1193



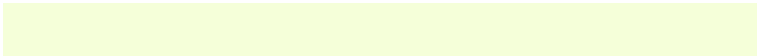
207.1280, 19.6569, 41.9837

Sweetspot

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



209.5780, -47.1200, -6.6459



247.6780, -15.1243, -2.3486



166.8920, -26.0758, 57.0997



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.



209.5780, -47.1200, -6.6459



225.2560, -62.2442, -8.9945



192.2360, -38.5703, -42.3030



112.7350, -4.7994, -0.6446



144.8400, -71.4061, -10.3837



41.2990, -20.3604, -2.8932

Inverse Universe

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



136.4220, 47.1200, 6.6459



128.7440, 62.2442, 8.9945



154.0630, 38.4229, 42.9177



105.2650, 4.7994, 0.6446



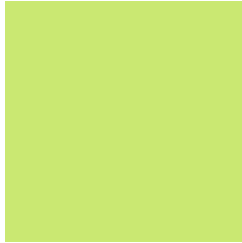
33.8610, 71.5535, 9.7689



9.7010, 20.3604, 2.8932

Previews

White Background



This preview shows how the YUV color 209.5780, -47.1200, -6.6459 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 209.5780, -47.1200, -6.6459 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 209.5780, -47.1200, -6.6459

Background



This preview shows how black text looks on a background with the YUV color 209.5780, -47.1200, -6.6459.



This preview shows how white text looks on a background with the YUV color 209.5780, -47.1200, -6.6459.

-6.6459.

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

209.5780, -47.1200, -6.6459

Protanopia

214.3370, -51.4381, 25.1375

Deuteranopia

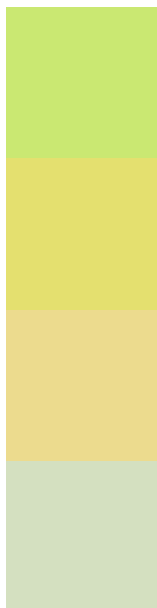
218.7010, -29.9256, 31.8342



Tritanopia

220.3400, 7.7204, -2.9292

Trichromacy



Original Color

209.5780, -47.1200, -6.6459

Protanomaly

212.3140, -49.9478, 13.7566

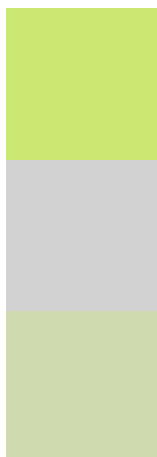
Deuteranomaly

215.3050, -36.1394, 18.1495

Tritanomaly

216.7640, -12.2087, -4.1780

Monochromacy



Original Color

209.5780, -47.1200, -6.6459

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8090, -17.1608, -2.4635

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5780, -47.1200, -6.6459 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(202, 232, 114)` looks like.

```
.text, #text, p{  
    color:rgb(202, 232, 114)  
}
```

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(202, 232, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 232, 114) }
```

Border

The CSS property to change the border of an element to YUV 209.5780, -47.1200, -6.6459 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(202, 232, 114) }
```


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

```
.border{ border-color:rgb(202, 232, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 232, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 232, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 232, 114);  
box-shadow:4px 4px 4px 4px rgb(202, 232,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 209.5780, -47.1200, -6.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 232, 114) }
```

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

```
.background{ background-color: rgb(202,  
232, 114) }
```

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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