

Converting Colors

YUV(212.7800, -46.7265,
7.2089)

Have a look what the booklet for
YUV(212.7800, -46.7265, 7.2089)
contains.

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Color

**YUV(212.7800, -46.7265,
7.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE376
RGB	221, 227, 118
RGB Percent	87%, 89%, 46%
CMY	0.1333, 0.1098, 0.5373
CMYK	0.03, 0.00, 0.48, 0.11
HSL	63°, 66%, 68%
HSV	63°, 48%, 89%
XYZ	60.5579, 71.6183, 27.7715
YIQ	212.7800, 31.4130, -35.1710

Conversions

Conversions Part 2

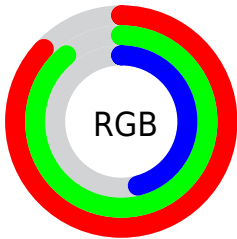
Format	Color
RYB	118, 227, 124
Decimal	14541686
CIELab	87.78, -17.10, 52.10
CIELCh	88, 54.838, 108.174
Yxy	71.6183, 0.3786, 0.4478
Android (android.graphics.Color)	4292731766 (0xFFDDE376)
YUV	212.7800, -46.7265, 7.2089
Hunter-Lab	84.6276, -20.3672, 39.7826

Details

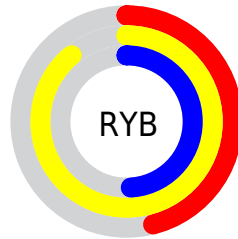
The YUV color $212.7800, -46.7265, 7.2089$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $132.2200, 46.7265, -7.2089$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $157.5240, -45.1213, 5.6795$ is the 20% darker color. If you saturate the color by 10%, you get $209.8590, -56.6255, 8.8937$, and if you desaturate by 10%, it is $215.7010, -36.8276, 5.5242$.

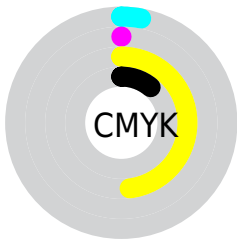
Distribution



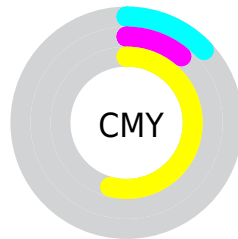
- Red (87%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (49%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7800, -46.7265, 7.2089 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 212.7800, -46.7265, 7.2089 by changing the saturation by 10% instead.

■ 212.7800,
-46.7265, 7.2089

■ 212.7800,
-46.7265, 7.2089

■ 255.0000, 0.0000,
0.0000

■ 184.7090,
-45.7055, 6.3942

■ 245.5380,
-36.2542, 8.2982

■ 157.5240,
-45.1213, 5.6795

■ 248.7300,
-24.0239, 5.4988

■ 130.2250,
-44.9739, 5.0647

■ 252.0360,
-11.3567, 2.5994

■ 103.4870,
-49.0471, 4.8349

■ 80.5820, -39.7269,
2.1206

■ 59.0190, -29.0964,
-0.8937

■ 38.3310, -18.8972,

-5.5523

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 212.7800,
-46.7265, 7.2089

■ 212.7800,
-46.7265, 7.2089

■ 209.8590,
-56.6255, 8.8937

■ 215.7010,
-36.8276, 5.5242

■ 207.0520,
-66.0876, 10.4784

■ 218.5080,
-27.3654, 3.9395

■ 203.8320,
-75.8392, 11.5483

■ 221.7280,
-17.6139, 2.8695

■ 200.9110,
-85.7381, 13.2331

■ 224.6490, -7.7150,
1.1848

■ 198.1040,
-95.2003, 14.8178

■ 227.5700, 2.1840,
-0.4999

■ 197.5340,
-97.3843, 15.3177

■ 230.3770, 11.6461,
-2.0846

■ 231.0890, 11.7881,
-0.9551

■ 231.3880, 11.6407,
-0.3403

■ 231.6870, 11.4933,
0.2745

Harmonies

Analogous

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



212.8530, -47.2555, 36.9629



212.7800, -46.7265, 7.2089



205.3040, -28.2509, -38.8546

Triad

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



212.7800, -46.7265, 7.2089



171.7110, 41.0615, -150.5905



209.6070, 16.4627, 39.8097

Complementary

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



212.7800, -46.7265, 7.2089



132.2200, 46.7265, -7.2089

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.



219.7800, 17.3635, 30.8879



212.7800, -46.7265, 7.2089



190.3700, 31.8626, -93.2865

Square

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



212.7800, -46.7265, 7.2089



173.6030, 38.1567, -152.2498



212.3950, 21.0043, -17.0094



202.9780, -6.3982, 45.6233

Rectangle

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



212.7800, -46.7265, 7.2089



197.5350, -8.6448, -74.1372



212.3950, 21.0043, -17.0094



213.3230, 20.5468, 36.5507

Sweetspot

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



212.7800, -46.7265, 7.2089



250.2980, -15.4299, 2.3697



153.5260, -17.5143, 64.4367



124.8940, -9.3147, 0.9700



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.



212.7800, -46.7265, 7.2089



235.7360, -63.4668, 9.8785



196.6340, -38.7666, -25.9890



113.3330, -5.0942, 0.5850



155.6040, -76.7128, 11.7483



44.2890, -21.8345, 3.2545

Inverse Universe

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



132.2200, 46.7265, -7.2089



126.2640, 63.4668, -9.8785



148.3660, 38.7666, 25.9890



104.6670, 5.0942, -0.5850



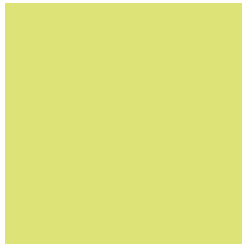
23.3960, 76.7128, -11.7483



6.7110, 21.8345, -3.2545

Previews

White Background



This preview shows how the YUV color 212.7800, -46.7265, 7.2089 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 212.7800, -46.7265, 7.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

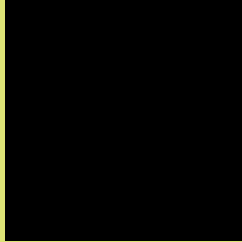
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7800, -46.7265, 7.2089

Background



This preview shows how black text looks on a background with the YUV color 212.7800, -46.7265, 7.2089.



This preview shows how white text looks on a background with the YUV color 212.7800, -46.7265, 7.2089.

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

212.7800, -46.7265, 7.2089

Protanopia

214.7220, -48.6699, 23.9228

Deuteranopia

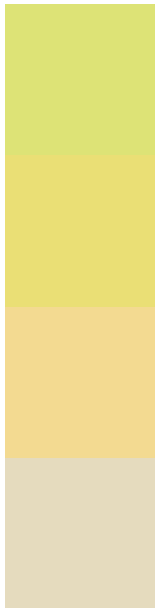
219.5160, -29.3414, 31.1195



Tritanopia

221.6190, 4.6248, 9.9811

Trichromacy



Original Color

212.7800, -46.7265, 7.2089

Protanomaly

214.2050, -47.9221, 17.3602

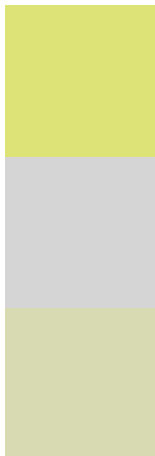
Deuteranomaly

217.1530, -35.5714, 22.6678

Tritanomaly

218.6840, -14.1412, 9.0471

Monochromacy



Original Color

212.7800, -46.7265, 7.2089

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8420, -17.1771, 2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7800, -46.7265, 7.2089 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(221, 227, 118)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 118)  
}
```

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(221, 227, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 118) }
```

Border

The CSS property to change the border of an element to YUV 212.7800, -46.7265, 7.2089 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(221, 227, 118) }
```


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

```
.border{ border-color:rgb(221, 227, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 118);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 212.7800, -46.7265, 7.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 118) }
```

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

```
.background{ background-color: rgb(221,  
227, 118) }
```

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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