

Converting Colors

YUV(209.9700, -44.8482,
11.4273)

Have a look what the booklet for
YUV(209.9700, -44.8482, 11.4273)
contains.

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Color

**YUV(209.9700, -44.8482,
11.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDD77
RGB	223, 221, 119
RGB Percent	87%, 87%, 47%
CMY	0.1255, 0.1333, 0.5333
CMYK	0.00, 0.01, 0.47, 0.13
HSL	59°, 62%, 67%
HSV	59°, 47%, 87%
XYZ	59.6177, 68.7328, 27.5773
YIQ	209.9700, 33.9340, -31.2980

Conversions

Conversions Part 2

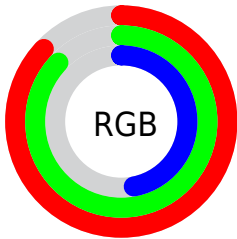
Format	Color
RYB	121, 223, 119
Decimal	14671223
CIELab	86.37, -13.25, 49.96
CIELCh	86, 51.690, 104.855
Yxy	68.7328, 0.3823, 0.4408
Android (android.graphics.Color)	4292861303 (0xFFDFD77)
YUV	209.9700, -44.8482, 11.4273
Hunter-Lab	82.9052, -16.7238, 38.3116

Details

The YUV color $209.9700, -44.8482, 11.4273$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $132.0300, 44.8482, -11.4273$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6520, -35.8174, 8.1982$, and $154.7140, -43.2430, 9.8978$ is the 20% darker color. If you saturate the color by 10%, you get $207.4620, -54.4578, 13.6268$, and if you desaturate by 10%, it is $212.4780, -35.2387, 9.2278$.

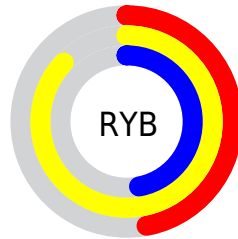
Distribution



Red (87%)

Green (87%)

Blue (47%)



Red (47%)

Yellow (87%)

Blue (47%)

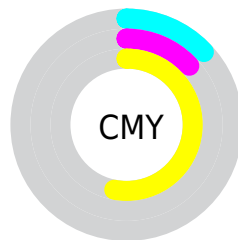


Cyan (0%)

Magenta (1%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.9700, -44.8482, 11.4273 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 209.9700, -44.8482, 11.4273 by changing the saturation by 10% instead.

■ 209.9700,
-44.8482, 11.4273

■ 209.9700,
-44.8482, 11.4273

255.0000, 0.0000,
0.0000

■ 181.8990,
-43.8272, 10.6126

■ 245.6520,
-35.8174, 8.1982

■ 154.7140,
-43.2430, 9.8978

■ 248.8440,
-23.5871, 5.3988

■ 128.1160,
-42.9482, 8.6683

■ 252.1500,
-10.9200, 2.4994

■ 101.1330,
-45.4216, 8.6534

■ 78.2450, -38.5748,
5.9241

■ 57.2690, -28.2336,
2.3951

■ 36.5810, -18.0344,

-2.2635

■ 14.9740, -7.3822,
-12.2552

■ 0.0000, 0.0000,
0.0000

■ 209.9700,
-44.8482, 11.4273

■ 209.9700,
-44.8482, 11.4273

■ 207.4620,
-54.4578, 13.6268

■ 212.4780,
-35.2387, 9.2278

■ 204.2530,
-64.2147, 16.4411

■ 215.6870,
-25.4817, 6.4135

■ 201.7450,
-73.8243, 18.6406

■ 218.1950,
-15.8721, 4.2140

■ 198.6500,
-83.1444, 21.3550

■ 221.2900, -6.5520,
1.4997

■ 196.0280,
-93.1908, 23.6544

■ 223.9120, 3.4944,
-0.7998

■ 195.2300,
-96.2484, 24.3543

■ 227.0070, 12.8145,
-3.5141

■ 227.2350, 13.6881,
-3.7141

■ 227.8220, 13.3988,
-4.2289

Harmonies

Analogous

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



210.3740, -44.0614, 39.1370



209.9700, -44.8482, 11.4273



203.5330, -28.8568, -31.1624

Triad

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



209.9700, -44.8482, 11.4273



168.7760, 42.5084, -148.0166



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.



209.9700, -44.8482, 11.4273



132.0300, 44.8482, -11.4273

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.



218.2960, 18.0951, 29.5584



209.9700, -44.8482, 11.4273



187.4240, 33.3150, -92.4568

Square

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



209.9700, -44.8482, 11.4273



169.4140, 34.7989, -148.5761



208.5190, 22.9151, -23.2572



202.1460, -4.5090, 46.3530

Rectangle

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



209.9700, -44.8482, 11.4273



196.8030, -11.7349, -62.9712



208.5190, 22.9151, -23.2572



213.3230, 20.5468, 36.5507

Sweetspot

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



209.9700, -44.8482, 11.4273



250.3090, -15.4353, 4.1140



150.4380, -14.0199, 63.6369



124.9050, -9.3202, 2.7143



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.



209.9700, -44.8482, 11.4273



236.9370, -61.5939, 15.8413



196.4930, -38.2040, -19.7264



110.7460, -4.8048, 1.0998



154.1750, -76.0083, 19.1405



42.5280, -20.9663, 4.7989

Inverse Universe

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



132.0300, 44.8482, -11.4273



130.0630, 61.5939, -15.8413



145.5070, 38.2040, 19.7264



102.2540, 4.8048, -1.0998



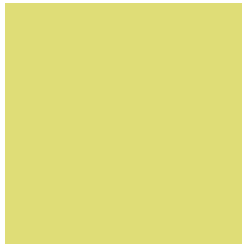
21.8250, 76.0083, -19.1405



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 209.9700, -44.8482, 11.4273 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 209.9700, -44.8482, 11.4273 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 209.9700, -44.8482, 11.4273

Background



This preview shows how black text looks on a background with the YUV color 209.9700, -44.8482, 11.4273.



This preview shows how white text looks on a background with the YUV color 209.9700, -44.8482, 11.4273.

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

209.9700, -44.8482, 11.4273

Protanopia

211.2920, -46.4860, 23.4229

Deuteranopia

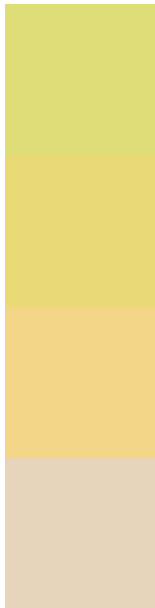
214.9850, -34.0096, 35.0932



Tritanopia

218.2990, 3.3036, 13.7698

Trichromacy



Original Color

209.9700, -44.8482, 11.4273

Protanomaly

211.0850, -45.8909, 19.2195

Deuteranomaly

213.1920, -38.0557, 26.1416

Tritanomaly

215.0050, -14.2995, 13.1506

Monochromacy



Original Color

209.9700, -44.8482, 11.4273

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0810, -16.3089, 4.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.9700, -44.8482, 11.4273 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(223, 221, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 119)  
}
```

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(223, 221, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 119) }
```

Border

The CSS property to change the border of an element to YUV 209.9700, -44.8482, 11.4273 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(223, 221, 119) }
```


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

```
.border{ border-color:rgb(223, 221, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 221, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 221, 119); box-shadow:4px 4px 4px 4px rgb(223, 221, 119) }
```

Background

The CSS property to change the background color of an element to YUV 209.9700, -44.8482, 11.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 119) }
```

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

```
.background{ background-color: rgb(223,  
221, 119) }
```

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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