

Converting Colors

YUV(212.8830, -46.2843,
5.3646)

Have a look what the booklet for
YUV(212.8830, -46.2843, 5.3646)
contains.

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Color

**YUV(212.8830, -46.2843,
5.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE477
RGB	219, 228, 119
RGB Percent	86%, 89%, 47%
CMY	0.1412, 0.1059, 0.5333
CMYK	0.04, 0.00, 0.48, 0.11
HSL	65°, 67%, 68%
HSV	65°, 48%, 89%
XYZ	60.2866, 71.8788, 28.1493
YIQ	212.8830, 29.6250, -35.8070

Conversions

Conversions Part 2

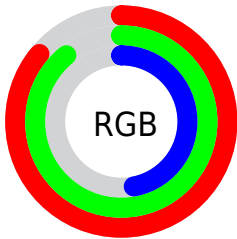
Format	Color
RYB	119, 228, 128
Decimal	14410871
CIELab	87.91, -18.29, 51.75
CIELCh	88, 54.884, 109.465
Yxy	71.8788, 0.3761, 0.4484
Android (android.graphics.Color)	4292600951 (0xFFDBE477)
YUV	212.8830, -46.2843, 5.3646
Hunter-Lab	84.7814, -21.4390, 39.6613

Details

The YUV color $212.8830, -46.2843, 5.3646$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $134.1170, 46.2843, -5.3646$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6520, -35.8174, 8.1982$, and $157.6270, -44.6791, 3.8351$ is the 20% darker color. If you saturate the color by 10%, you get $209.6630, -56.0359, 6.4345$, and if you desaturate by 10%, it is $216.1030, -36.5328, 4.2947$.

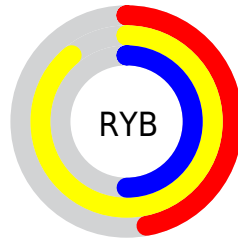
Distribution



Red (86%)

Green (89%)

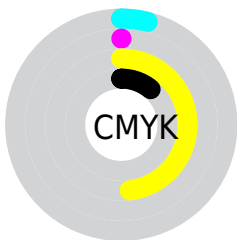
Blue (47%)



Red (47%)

Yellow (89%)

Blue (50%)

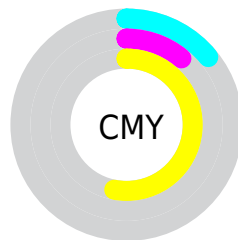


Cyan (4%)

Magenta (0%)

Yellow (48%)

Black (11%)



Cyan (14%)

Magenta (11%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.8830, -46.2843, 5.3646 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 212.8830, -46.2843, 5.3646 by changing the saturation by 10% instead.

■ 212.8830,
-46.2843, 5.3646

■ 212.8830,
-46.2843, 5.3646

■ 255.0000, 0.0000,
0.0000

■ 184.8120,
-45.2633, 4.5499

■ 245.6520,
-35.8174, 8.1982

■ 157.6270,
-44.6791, 3.8351

■ 248.8440,
-23.5871, 5.3988

■ 130.3280,
-44.5317, 3.2203

■ 252.1500,
-10.9200, 2.4994

■ 103.4160,
-48.0261, 4.0202

■ 80.5710, -39.7215,
0.3762

■ 59.0080, -29.0909,
-2.6380

■ 38.3200, -18.8918,

-7.2966

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 212.8830,
-46.2843, 5.3646

■ 212.8830,
-46.2843, 5.3646

■ 209.6630,
-56.0359, 6.4345

■ 216.1030,
-36.5328, 4.2947

■ 206.4430,
-65.7874, 7.5045

■ 219.3230,
-26.7812, 3.2247

■ 203.3370,
-75.1021, 8.4745

■ 222.4290,
-17.4665, 2.2548

■ 200.1170,
-84.8537, 9.5444

■ 225.6490, -7.7150,
1.1848

■ 197.1960,
-94.7526, 11.2291

■ 228.5700, 2.1840,
-0.4999

■ 196.3270,
-96.7892, 11.1142

■ 231.6760, 11.4987,
-1.4699

■ 232.2740, 11.2039,
-0.2403

■ 232.8720, 10.9091,
0.9893

■ 233.4700, 10.6143,
2.2188

Harmonies

Analogous

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



213.4400, -47.5449, 36.4481



212.8830, -46.2843, 5.3646



205.5210, -27.3719, -40.7989

Triad

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



212.8830, -46.2843, 5.3646



171.7110, 41.0615, -150.5905



209.3790, 15.5892, 40.0096

Complementary

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



212.8830, -46.2843, 5.3646



134.1170, 46.2843, -5.3646

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.



219.1930, 17.6529, 31.4027



212.8830, -46.2843, 5.3646



191.8760, 31.1201, -88.4683

Square

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



212.8830, -46.2843, 5.3646



173.9450, 39.4671, -152.5498



213.5910, 20.4146, -14.5503



202.7500, -7.2717, 45.8233

Rectangle

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



212.8830, -46.2843, 5.3646



197.1540, -7.4709, -77.3111



213.5910, 20.4146, -14.5503



212.7360, 20.8362, 37.0655

Sweetspot

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



212.8830, -46.2843, 5.3646



249.9990, -15.2825, 1.7549



155.7000, -18.0931, 63.4071



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.



212.8830, -46.2843, 5.3646



234.8820, -61.5668, 7.1195



197.0360, -38.4717, -27.2186



113.3330, -5.0942, 0.5850



154.1090, -75.9757, 8.6744



43.9900, -21.6871, 2.6398

Inverse Universe

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



134.1170, 46.2843, -5.3646



130.1180, 61.5668, -7.1195



149.9640, 38.4717, 27.2186



104.6670, 5.0942, -0.5850



24.8910, 75.9757, -8.6744



7.0100, 21.6871, -2.6398

Previews

White Background



This preview shows how the YUV color 212.8830, -46.2843, 5.3646 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 212.8830, -46.2843, 5.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

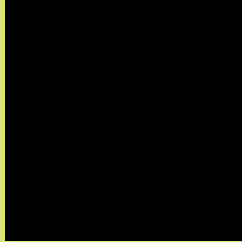
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.8830, -46.2843, 5.3646

Background



This preview shows how black text looks on a background with the YUV color 212.8830, -46.2843, 5.3646.



This preview shows how white text looks on a background with the YUV color 212.8830, -46.2843, 5.3646.

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

212.8830, -46.2843, 5.3646

Protanopia

215.0210, -48.8174, 24.5376

Deuteranopia

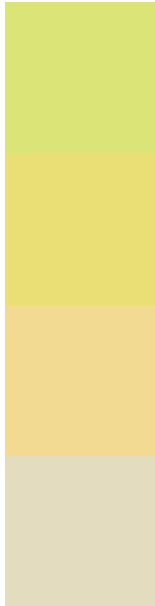
219.6300, -28.9046, 31.0195



Tritanopia

222.0210, 4.9196, 8.7516

Trichromacy



Original Color

212.8830, -46.2843, 5.3646

Protanomaly

214.2050, -47.9221, 17.3602

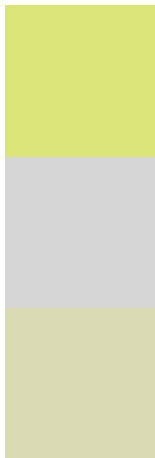
Deuteranomaly

216.9680, -34.9872, 21.9531

Tritanomaly

218.7870, -13.6990, 7.2028

Monochromacy



Original Color

212.8830, -46.2843, 5.3646

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.6570, -16.5929, 2.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.8830, -46.2843, 5.3646 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(219, 228, 119)` looks like.

```
.text, #text, p{  
    color:rgb(219, 228, 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(219, 228, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 228, 119) }
```

Border

The CSS property to change the border of an element to YUV 212.8830, -46.2843, 5.3646 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(219, 228, 119) }
```


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

```
.border{ border-color:rgb(219, 228, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 228, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 228, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 228, 119);  
box-shadow:4px 4px 4px 4px rgb(219, 228,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 212.8830, -46.2843, 5.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 228, 119) }
```

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

```
.background{ background-color: rgb(219,  
228, 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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