

Converting Colors

YUV(212.2480, -46.4643,
16.4455)

Have a look what the booklet for
YUV(212.2480, -46.4643, 16.4455)
contains.

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Color

**YUV(212.2480, -46.4643,
16.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DD76
RGB	231, 221, 118
RGB Percent	91%, 87%, 46%
CMY	0.0941, 0.1333, 0.5373
CMYK	0.00, 0.04, 0.49, 0.09
HSL	55°, 70%, 68%
HSV	55°, 49%, 91%
XYZ	62.0815, 70.0098, 27.3807
YIQ	212.2480, 39.0230, -29.9130

Conversions

Conversions Part 2

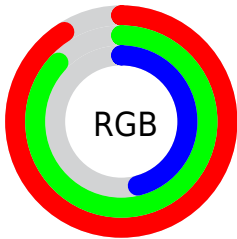
Format	Color
RYB	129, 231, 118
Decimal	15195510
CIELab	87.00, -10.15, 51.35
CIELCh	87, 52.344, 101.182
Yxy	70.0098, 0.3893, 0.4390
Android (android.graphics.Color)	4293385590 (0xFFE7DD76)
YUV	212.2480, -46.4643, 16.4455
Hunter-Lab	83.6719, -13.9853, 39.1683

Details

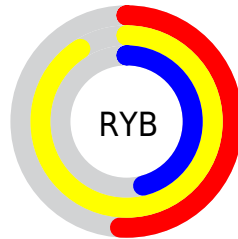
The YUV color $212.2480, -46.4643, 16.4455$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $136.7520, 46.4643, -16.4455$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $156.6930, -44.7116, 14.3012$ is the 20% darker color. If you saturate the color by 10%, you get $208.4520, -55.9318, 19.7746$, and if you desaturate by 10%, it is $216.0440, -36.9967, 13.1164$.

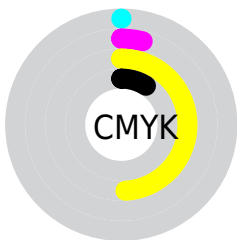
Distribution



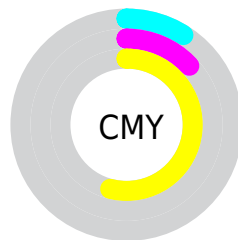
- Red (91%)
- Green (87%)
- Blue (46%)



- Red (51%)
- Yellow (91%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (49%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2480, -46.4643, 16.4455 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 212.2480, -46.4643, 16.4455 by changing the saturation by 10% instead.

■ 212.2480,
-46.4643, 16.4455

■ 212.2480,
-46.4643, 16.4455

■ 255.0000, 0.0000,
0.0000

■ 184.1770,
-45.4433, 15.6308

■ 245.5380,
-36.2542, 8.2982

■ 156.6930,
-44.7116, 14.3012

■ 248.7300,
-24.0239, 5.4988

■ 129.9810,
-44.8536, 13.1717

■ 252.0360,
-11.3567, 2.5994

■ 103.4710,
-48.0532, 12.7419

■ 80.0390, -39.4592,
9.6128

■ 59.0630, -29.1181,
6.0837

■ 38.3750, -18.9189,

1.4251

■ 18.5620, -9.1511,
-4.8779

■ 0.0000, 0.0000,
0.0000

■ 212.2480,
-46.4643, 16.4455

■ 212.2480,
-46.4643, 16.4455

■ 208.4520,
-55.9318, 19.7746

■ 216.0440,
-36.9967, 13.1164

■ 204.6560,
-65.3994, 23.1037

■ 219.8400,
-27.5291, 9.7873

■ 200.8600,
-74.8670, 26.4328

■ 223.6360,
-18.0615, 6.4582

■ 197.0640,
-84.3346, 29.7619

■ 227.4320, -8.5940,
3.1291

■ 193.1540,
-94.2389, 33.1909

■ 231.3420, 1.3104,
-0.2999

■ 192.9260,
-95.1125, 33.3909

■ 234.9100, 9.9044,
-3.4291

■ 236.0840, 9.3256,
-4.4587

■ 237.2580, 8.7468,
-5.4883

■ 238.4320, 8.1680,
-6.5179

Harmonies

Analogous

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



210.1290, -42.4616, 39.3519



212.2480, -46.4643, 16.4455



206.0560, -32.0726, -26.3591

Triad

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



212.2480, -46.4643, 16.4455



170.5370, 41.6403, -149.5609



211.6930, 19.3784, 37.9802

Complementary

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



212.2480, -46.4643, 16.4455



136.7520, 46.4643, -16.4455

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.



219.1490, 17.6745, 24.4253



212.2480, -46.4643, 16.4455



183.7920, 35.1055, -106.8116

Square

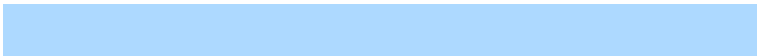
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.2480, -46.4643, 16.4455



170.0180, 32.0361, -149.1058



208.1760, 23.0842, -30.8494



203.6450, -1.3040, 45.0383

Rectangle

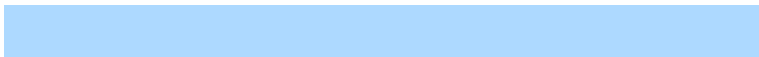
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.2480, -46.4643, 16.4455



200.0980, -15.8243, -57.9679



208.1760, 23.0842, -30.8494



215.0840, 19.6786, 35.0063

Sweetspot

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



212.2480, -46.4643, 16.4455



248.9070, -15.7302, 5.3436



153.0410, -11.8522, 68.3700



123.6170, -9.1782, 3.8439



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.



212.2480, -46.4643, 16.4455



230.2690, -61.7576, 21.6891



204.6630, -42.7249, -16.3675



113.0450, -4.9522, 1.7145



149.2020, -73.5566, 26.1328



42.2510, -20.8297, 7.6729

Inverse Universe

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



136.7520, 46.4643, -16.4455



129.7310, 61.7576, -21.6891



144.3370, 42.7249, 16.3675



104.9550, 4.9522, -1.7145



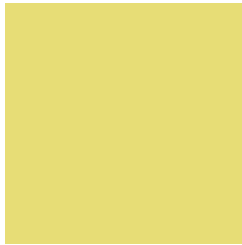
29.7980, 73.5566, -26.1328



8.7490, 20.8297, -7.6729

Previews

White Background



This preview shows how the YUV color 212.2480, -46.4643, 16.4455 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 212.2480, -46.4643, 16.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

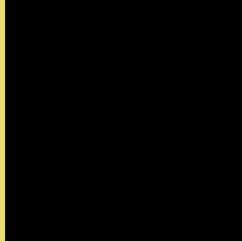
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.2480, -46.4643, 16.4455

Background



This preview shows how black text looks on a background with the YUV color 212.2480, -46.4643, 16.4455.



This preview shows how white text looks on a background with the YUV color 212.2480, -46.4643, 16.4455.

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

212.2480, -46.4643, 16.4455

Protanopia

213.0640, -47.3596, 23.6229

Deuteranopia

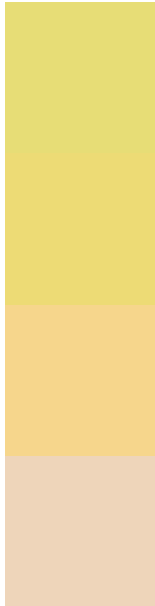
216.8430, -31.9676, 33.4637



Tritanopia

220.6910, 2.1243, 18.6880

Trichromacy



Original Color

212.2480, -46.4643, 16.4455

Protanomaly

212.7540, -47.2067, 21.2637

Deuteranomaly

215.1320, -37.0401, 27.0712

Tritanomaly

217.3970, -15.4787, 18.0688

Monochromacy



Original Color

212.2480, -46.4643, 16.4455

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9780, -16.7512, 6.1583

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2480, -46.4643, 16.4455 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(231, 221, 118)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 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(231, 221, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 118) }
```

Border

The CSS property to change the border of an element to YUV 212.2480, -46.4643, 16.4455 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(231, 221, 118) }
```


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

```
.border{ border-color:rgb(231, 221, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 221, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 221, 118); box-shadow:4px 4px 4px 4px rgb(231, 221, 118) }
```

Background

The CSS property to change the background color of an element to YUV 212.2480, -46.4643, 16.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 118) }
```

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

```
.background{ background-color: rgb(231,  
221, 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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