

Converting Colors

YUV(210.2920, -46.4860,
23.4229)

Have a look what the booklet for
YUV(210.2920, -46.4860, 23.4229)
contains.

| | |
|--|----|
| YUV(210.2920, -46.4860, 23.4229) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(210.2920, -46.4860,
23.4229)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EDD774 |
| RGB | 237, 215, 116 |
| RGB Percent | 93%, 84%, 45% |
| CMY | 0.0706, 0.1569, 0.5451 |
| CMYK | 0.00, 0.09, 0.51, 0.07 |
| HSL | 49°, 77%, 69% |
| HSV | 49°, 51%, 93% |
| XYZ | 62.3779, 67.8664, 26.3348 |
| YIQ | 210.2920, 44.8910, -26.1250 |

Conversions

Conversions Part 2

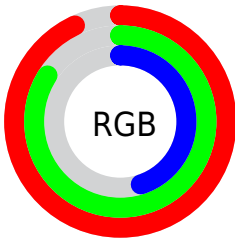
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 143, 237, 116 |
| Decimal | 15587188 |
| CIELab | 85.94, -4.88, 51.15 |
| CIELCh | 86, 51.380, 95.454 |
| Yxy | 67.8664, 0.3984, 0.4334 |
| Android (android.graphics.Color) | 4293777268 (0xFFEDD774) |
| YUV | 210.2920, -46.4860, 23.4229 |
| Hunter-Lab | 82.3810, -9.0089, 38.7134 |

Details

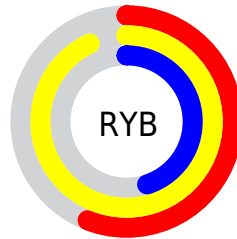
The YUV color $210.2920, -46.4860, 23.4229$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $142.7080, 46.4860, -23.4229$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.3100, -37.1278, 8.4981$, and $155.3240, -45.0227, 20.7639$ is the 20% darker color. If you saturate the color by 10%, you get $205.2080, -55.8115, 27.8816$, and if you desaturate by 10%, it is $215.3760, -37.1604, 18.9642$.

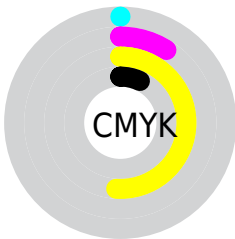
Distribution



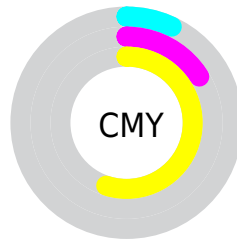
- Red (93%)
- Green (84%)
- Blue (45%)



- Red (56%)
- Yellow (93%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2920, -46.4860, 23.4229 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 210.2920, -46.4860, 23.4229 by changing the saturation by 10% instead.

■ 210.2920,
-46.4860, 23.4229

■ 210.2920,
-46.4860, 23.4229

■ 255.0000, 0.0000,
0.0000

■ 182.2210,
-45.4650, 22.6082

■ 245.3100,
-37.1278, 8.4981

■ 155.3240,
-45.0227, 20.7639

■ 248.5020,
-24.8975, 5.6987

■ 128.1390,
-44.4385, 20.0491

■ 251.8080,
-12.2303, 2.7994

■ 101.2160,
-47.9275, 19.1046

■ 78.5990, -38.7493,
15.2607

■ 57.3240, -28.2607,
11.1169

■ 37.2230, -18.3509,

5.9434

■ 18.0080, -8.8779,
0.8700

■ 0.0000, 0.0000,
0.0000

■ 210.2920,
-46.4860, 23.4229

■ 210.2920,
-46.4860, 23.4229

■ 205.2080,
-55.8115, 27.8816

■ 215.3760,
-37.1604, 18.9642

■ 199.6510,
-64.4109, 32.7551

■ 220.9330,
-28.5610, 14.0908

■ 194.5670,
-73.7365, 37.2137

■ 226.0170,
-19.2354, 9.6321

■ 189.4830,
-83.0621, 41.6724

■ 231.1010, -9.9098,
5.1734

■ 184.7410,
-91.0773, 45.8311

■ 236.7720, -0.8736,
0.2000

■ 241.4000, 6.7048,
-3.8588

■ 243.7480, 5.5472,
-5.9180

■ 246.0960, 4.3897,
-7.9772

■ 249.0310, 2.9427,
-10.5512

Harmonies

Analogous

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



206.9490, -39.4149, 42.1407



210.2920, -46.4860, 23.4229



204.9000, -35.4467, -17.4523

Triad

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



210.2920, -46.4860, 23.4229



169.3630, 42.2190, -148.5314



212.1490, 21.1255, 37.5803

Complementary

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



210.2920, -46.4860, 23.4229



142.7080, 46.4860, -23.4229

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.



214.9520, 19.7437, 14.0741



210.2920, -46.4860, 23.4229



172.1420, 40.8490, -129.0435

Square

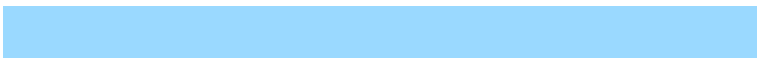
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.2920, -46.4860, 23.4229



166.3020, 27.9521, -145.8469



202.4950, 25.8850, -42.5301



203.2690, 2.3324, 45.3681

Rectangle

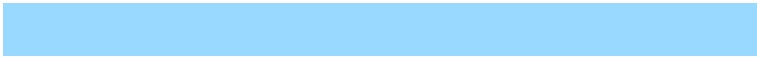
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.2920, -46.4860, 23.4229



199.6110, -20.5142, -47.0168



202.4950, 25.8850, -42.5301



215.0840, 19.6786, 35.0063

Sweetspot

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



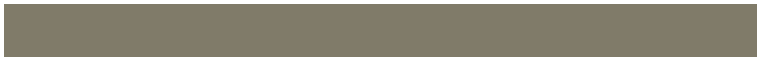
210.2920, -46.4860, 23.4229



246.5590, -14.5726, 7.4028



154.6870, -8.2267, 72.1885



122.4430, -8.5994, 4.8735



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.



210.2920, -46.4860, 23.4229



220.7800, -60.0375, 30.0109



211.8440, -47.2511, -11.2642



114.5720, -4.2260, 2.1294



140.9950, -69.5105, 35.0844



41.9740, -20.6932, 10.5468

Inverse Universe

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



142.7080, 46.4860, -23.4229



133.8070, 59.7481, -30.5257



141.1560, 47.2511, 11.2642



108.4280, 4.2260, -2.1294



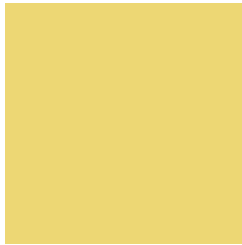
40.0050, 69.5105, -35.0844



12.0260, 20.6932, -10.5468

Previews

White Background



This preview shows how the YUV color 210.2920, -46.4860, 23.4229 looks on a white background.

Color Contrast Check

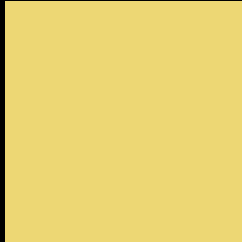
Large Text (above 18pt) WCAG AA × Fail

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 210.2920, -46.4860, 23.4229 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 210.2920, -46.4860, 23.4229

Background



This preview shows how black text looks on a background with the YUV color 210.2920, -46.4860, 23.4229.

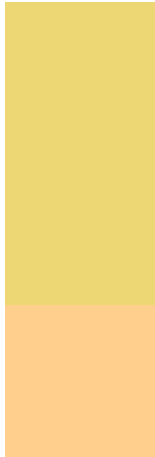


This preview shows how white text looks on a background with the YUV color 210.2920, -46.4860, 23.4229.

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

210.2920, -46.4860, 23.4229

Protanopia

210.2920, -46.4860, 23.4229

Deuteranopia

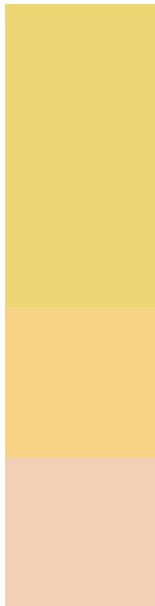
213.9420, -35.4674, 36.0079



Tritanopia

217.9800, 0.5029, 25.4505

Trichromacy



Original Color

210.2920, -46.4860, 23.4229

Protanomaly

210.2920, -46.4860, 23.4229

Deuteranomaly

212.5840, -39.2349, 31.0598

Tritanomaly

214.9140, -16.2266, 24.6314

Monochromacy



Original Color

210.2920, -46.4860, 23.4229

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.2880, -16.9040, 8.5174

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2920, -46.4860, 23.4229 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(237, 215, 116)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 116)  
}
```

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(237, 215, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 116) }
```

Border

The CSS property to change the border of an element to YUV 210.2920, -46.4860, 23.4229 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(237, 215, 116) }
```


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

```
.border{ border-color:rgb(237, 215, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 116);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 210.2920, -46.4860, 23.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 116) }
```

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

```
.background{ background-color: rgb(237,  
215, 116) }
```

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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