

Converting Colors

YUV(207.4220, -47.0430,
15.4159)

Have a look what the booklet for
YUV(207.4220, -47.0430, 15.4159)
contains.

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Color

**YUV(207.4220, -47.0430,
15.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D970
RGB	225, 217, 112
RGB Percent	88%, 85%, 44%
CMY	0.1176, 0.1490, 0.5608
CMYK	0.00, 0.04, 0.50, 0.12
HSL	56°, 65%, 66%
HSV	56°, 50%, 88%
XYZ	58.7888, 66.8031, 25.1250
YIQ	207.4220, 38.4730, -30.9590

Conversions

Conversions Part 2

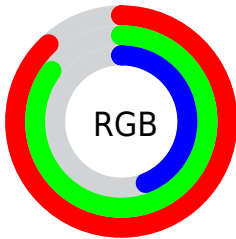
Format	Color
RYB	121, 225, 112
Decimal	14801264
CIELab	85.40, -11.08, 52.16
CIELCh	85, 53.326, 101.988
Yxy	66.8031, 0.3901, 0.4432
Android (android.graphics.Color)	4292991344 (0xFFE1D970)
YUV	207.4220, -47.0430, 15.4159
Hunter-Lab	81.7332, -14.6420, 38.9873

Details

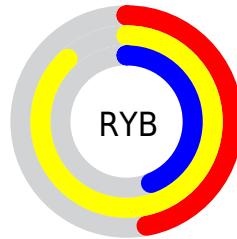
The YUV color $207.4220, -47.0430, 15.4159$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $129.5780, 47.0430, -15.4159$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8540, -38.8750, 8.8980$, and $152.1660, -45.4378, 13.8864$ is the 20% darker color. If you saturate the color by 10%, you get $203.7400, -56.0738, 18.6450$, and if you desaturate by 10%, it is $211.1040, -38.0123, 12.1868$.

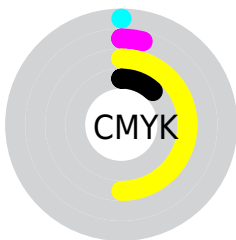
Distribution



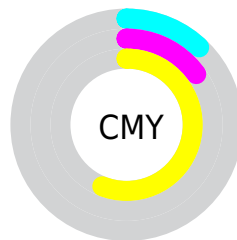
- Red (88%)
- Green (85%)
- Blue (44%)



- Red (47%)
- Yellow (88%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (50%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.4220, -47.0430, 15.4159 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 207.4220, -47.0430, 15.4159 by changing the saturation by 10% instead.

■ 207.4220,
-47.0430, 15.4159

■ 207.4220,
-47.0430, 15.4159

■ 255.0000, 0.0000,
0.0000

■ 179.3510,
-46.0220, 14.6012

■ 244.8540,
-38.8750, 8.8980

■ 152.1660,
-45.4378, 13.8864

■ 248.0460,
-26.6447, 6.0987

■ 125.4540,
-45.5798, 12.7568

■ 251.2380,
-14.4143, 3.2993

■ 98.6450, -48.6320,
11.7123

■ 254.6580, -1.3104,
0.2999

■ 76.7830, -37.8540,
8.0833

■ 55.5080, -27.3654,
3.9395

■ 35.1190, -17.3137,

-0.1044

■ 14.0990, -6.9508,
-10.6108

■ 0.0000, 0.0000,
0.0000

■ 207.4220,
-47.0430, 15.4159

■ 207.4220,
-47.0430, 15.4159

■ 203.7400,
-56.0738, 18.6450

■ 211.1040,
-38.0123, 12.1868

■ 200.5310,
-65.8308, 21.4593

■ 214.3130,
-28.2553, 9.3725


■ 196.7350,
-75.2984, 24.7884

■ 218.1090,
-18.7877, 6.0434


■ 193.6400,
-84.6185, 27.5027


■ 221.2040, -9.4676,
3.3291


 189.9580,
-93.6493, 30.7318

 225.0000, 0.0000,
0.0000

 228.6820, 9.0308,
-3.2291

 230.1810, 12.2358,
-4.5437

 231.3550, 11.6570,
-5.5733

 231.9420, 11.3676,
-6.0881

Harmonies

Analogous

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



206.9830, -44.3616, 42.1109



207.4220, -47.0430, 15.4159



201.0450, -32.0672, -28.1035

Triad

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



207.4220, -47.0430, 15.4159



168.1890, 42.7978, -147.5018



208.1880, 18.6413, 41.0541

Complementary

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



207.4220, -47.0430, 15.4159



129.5780, 47.0430, -15.4159

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.



215.3170, 19.5637, 25.1550



207.4220, -47.0430, 15.4159



176.0730, 38.9110, -114.0740

Square

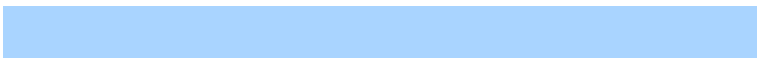
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207.4220, -47.0430, 15.4159



167.4420, 32.3201, -146.8466



204.0450, 25.1208, -30.7345



199.4390, -2.1884, 48.7270

Rectangle

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



207.4220, -47.0430, 15.4159



194.6030, -15.0873, -61.0418



204.0450, 25.1208, -30.7345



211.5620, 21.4149, 38.0951

Sweetspot

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



207.4220, -47.0430, 15.4159



248.9070, -15.7302, 5.3436



146.8130, -12.7258, 68.5700



124.2040, -9.4676, 3.3291



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.



207.4220, -47.0430, 15.4159



231.1010, -63.6468, 20.9594



198.0650, -42.4300, -17.5970



110.1590, -4.5154, 1.6146



148.3050, -73.1144, 24.2885



40.7670, -20.0981, 6.3433

Inverse Universe

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



129.5780, 47.0430, -15.4159



125.8990, 63.6468, -20.9594



138.9350, 42.4300, 17.5970



102.8410, 4.5154, -1.6146



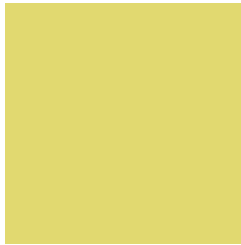
27.1080, 73.4038, -23.7737



7.2330, 20.0981, -6.3433

Previews

White Background



This preview shows how the YUV color 207.4220, -47.0430, 15.4159 looks on a white background.

Color Contrast Check

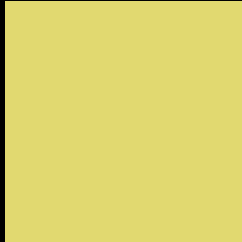
Large Text (above 18pt) WCAG AA × Fail

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 207.4220, -47.0430, 15.4159 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 207.4220, -47.0430, 15.4159

Background



This preview shows how black text looks on a background with the YUV color 207.4220, -47.0430, 15.4159.



This preview shows how white text looks on a background with the YUV color 207.4220, -47.0430,

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

207.4220, -47.0430, 15.4159

Protanopia

208.5370, -48.0857, 23.2081

Deuteranopia

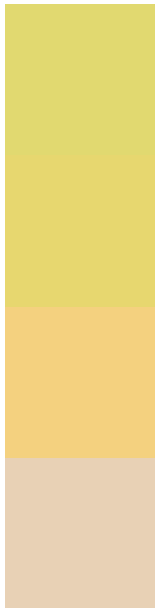
211.9700, -37.9462, 37.7373



Tritanopia

216.0930, 2.4192, 17.4584

Trichromacy



Original Color

207.4220, -47.0430, 15.4159

Protanomaly

207.9280, -47.7855, 20.2341

Deuteranomaly

210.1170, -40.9767, 29.7154

Tritanomaly

212.6850, -15.6207, 16.9393

Monochromacy



Original Color

207.4220, -47.0430, 15.4159

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

207.4510, -17.4773, 5.7435

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.4220, -47.0430, 15.4159 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(225, 217, 112)` looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 112)  
}
```

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(225, 217, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 112) }
```

Border

The CSS property to change the border of an element to YUV 207.4220, -47.0430, 15.4159 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(225, 217, 112) }
```


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

```
.border{ border-color:rgb(225, 217, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 217, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 217, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 217, 112);  
box-shadow:4px 4px 4px 4px rgb(225, 217,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 207.4220, -47.0430, 15.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 112) }
```

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

```
.background{ background-color: rgb(225,  
217, 112) }
```

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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