

Converting Colors

YUV(217.1410, -50.8485,
22.6783)

Have a look what the booklet for
YUV(217.1410, -50.8485, 22.6783)
contains.

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Color

**YUV(217.1410, -50.8485,
22.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E072
RGB	243, 224, 114
RGB Percent	95%, 88%, 45%
CMY	0.0471, 0.1216, 0.5529
CMYK	0.00, 0.08, 0.53, 0.05
HSL	51°, 84%, 70%
HSV	51°, 53%, 95%
XYZ	66.6551, 73.5809, 26.6090
YIQ	217.1410, 46.6340, -30.1820

Conversions

Conversions Part 2

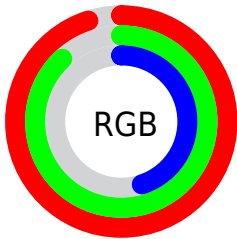
Format	Color
R_{YB}	136, 243, 114
Decimal	15982706
CIE _{Lab}	88.72, -7.17, 55.52
CIE _{LCh}	89, 55.979, 97.362
Yxy	73.5809, 0.3995, 0.4410
Android (android.graphics.Color)	4294172786 (0xFFFF3E072)
YUV	217.1410, -50.8485, 22.6783
Hunter-Lab	85.7793, -11.4098, 41.6536

Details

The YUV color **217.1410, -50.8485, 22.6783** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **139.8590, 50.8485, -22.6783**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0820, -38.0014, 8.6981**, and **161.1730, -49.3853, 20.0193** is the 20% darker color. If you saturate the color by 10%, you get **212.0570, -60.1741, 27.1370**, and if you desaturate by 10%, it is **222.2250, -41.5229, 18.2197**.

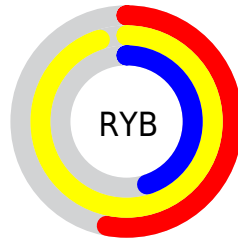
Distribution



Red (95%)

Green (88%)

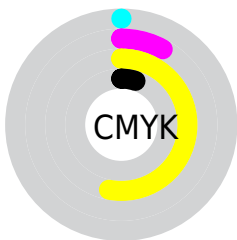
Blue (45%)



Red (53%)

Yellow (95%)

Blue (45%)

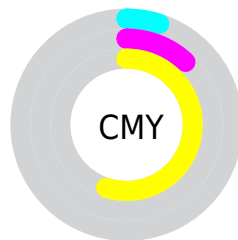


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (5%)



Cyan (5%)

Magenta (12%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1410, -50.8485, 22.6783 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 217.1410, -50.8485, 22.6783 by changing the saturation by 10% instead.

■ 217.1410,
-50.8485, 22.6783

■ 217.1410,
-50.8485, 22.6783

255.0000, 0.0000,
0.0000

■ 188.7710,
-49.6801, 21.2488

■ 245.0820,
-38.0014, 8.6981

■ 161.1730,
-49.3853, 20.0193

■ 248.2740,
-25.7711, 5.8987

■ 134.3470,
-49.9641, 18.9897

■ 251.5800,
-13.1039, 2.9993

■ 106.9510,
-52.7268, 18.4600

254.8860, -0.4368,
0.1000

■ 84.7900, -41.8015,
14.2162

■ 63.5150, -31.3129,
10.0723

■ 42.5280, -20.9663,

4.7989

■ 23.0250, -11.3513,
0.8551

■ 0.0000, 0.0000,
0.0000

■ 217.1410,
-50.8485, 22.6783

■ 217.1410,
-50.8485, 22.6783

■ 212.0570,
-60.1741, 27.1370

■ 222.2250,
-41.5229, 18.2197

■ 207.4460,
-70.2259, 31.1809

■ 226.8360,
-31.4711, 14.1758

■ 202.3620,
-79.5515, 35.6395

■ 231.9200,
-22.1456, 9.7172

■ 197.8650,
-89.1664, 39.5834

■ 236.4170,
-12.5306, 5.7733

■ 194.1660,
-95.7238, 42.8274

■ 241.5010, -3.2050,
1.3146

■ 245.5420, 4.6628,
-2.2293

■ 247.8900, 3.5052,
-4.2885

■ 250.2380, 2.3477,
-6.3477

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



210.7160, -42.7510, 38.8371



217.1410, -50.8485, 22.6783



210.7100, -37.3250, -21.6707

Triad

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



217.1410, -50.8485, 22.6783



174.6460, 39.6145, -153.1645



214.4970, 19.9680, 35.5211

Complementary

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



217.1410, -50.8485, 22.6783



139.8590, 50.8485, -22.6783

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.



222.0730, 16.2330, 20.1070



217.1410, -50.8485, 22.6783



169.3630, 42.2190, -148.5314

Square

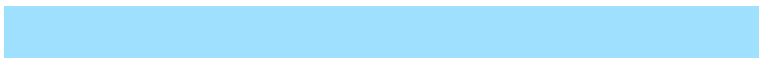
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.1410, -50.8485, 22.6783



174.1270, 30.0104, -152.7094



208.3980, 22.9748, -42.4450



205.4860, 3.2114, 43.4238

Rectangle

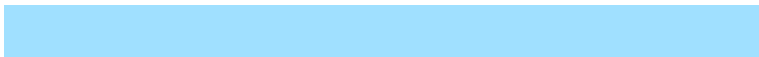
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.1410, -50.8485, 22.6783



204.5560, -20.4871, -55.7386



208.3980, 22.9748, -42.4450



217.4320, 18.5210, 32.9471

Sweetspot

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



217.1410, -50.8485, 22.6783



246.8040, -16.1724, 7.1879



154.7370, -10.7163, 77.4067



122.8020, -9.7624, 4.5586



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.



217.1410, -50.8485, 22.6783



222.3300, -64.2527, 28.6516



214.8390, -49.7136, -14.7678



120.0450, -4.9522, 1.7145



148.9470, -73.4309, 32.4955



46.9910, -23.1666, 10.5319

Inverse Universe

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



139.8590, 50.8485, -22.6783



124.6700, 64.2527, -28.6516



142.1610, 49.7136, 14.7678



112.5420, 4.6628, -2.2293



37.0530, 73.4309, -32.4955



12.0090, 23.1666, -10.5319

Previews

White Background



This preview shows how the YUV color 217.1410, -50.8485, 22.6783 looks on a white background.

Color Contrast Check

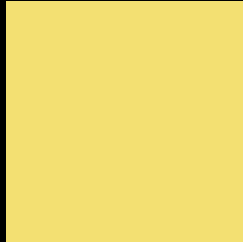
Large Text (above 18pt) WCAG AA × Fail

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 217.1410, -50.8485, 22.6783 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 217.1410, -50.8485, 22.6783

Background



This preview shows how black text looks on a background with the YUV color 217.1410, -50.8485, 22.6783.

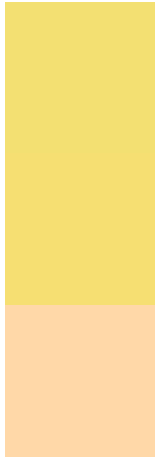


This preview shows how white text looks on a background with the YUV color 217.1410, -50.8485, 22.6783.

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

217.1410, -50.8485, 22.6783

Protanopia

217.4510, -51.0013, 25.0375

Deuteranopia

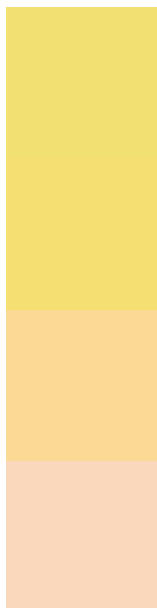
222.1890, -26.7152, 28.7752



Tritanopia

225.7950, 1.0871, 24.7358

Trichromacy



Original Color

217.1410, -50.8485, 22.6783

Protanomaly

217.1520, -50.8539, 24.4227

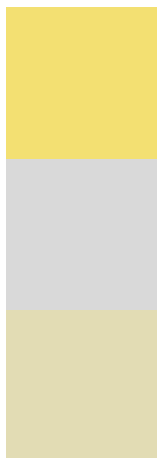
Deuteranomaly

220.4740, -35.7297, 26.7713

Tritanomaly

222.8600, -17.6790, 23.8018

Monochromacy



Original Color

217.1410, -50.8485, 22.6783

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2340, -18.3564, 7.6878

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1410, -50.8485, 22.6783 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(243, 224, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 114)  
}
```

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(243, 224, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 114) }
```

Border

The CSS property to change the border of an element to YUV 217.1410, -50.8485, 22.6783 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(243, 224, 114) }
```


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

```
.border{ border-color:rgb(243, 224, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 224, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 217.1410, -50.8485, 22.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 114) }
```

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

```
.background{ background-color: rgb(243,  
224, 114) }
```

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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