

Converting Colors

YUV(206.4280, -49.5110,
13.6566)

Have a look what the booklet for
YUV(206.4280, -49.5110, 13.6566)
contains.

YUV(206.4280, -49.5110, 13.6566)	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(206.4280, -49.5110,
13.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDA6A
RGB	222, 218, 106
RGB Percent	87%, 85%, 42%
CMY	0.1294, 0.1451, 0.5843
CMYK	0.00, 0.02, 0.52, 0.13
HSL	58°, 64%, 64%
HSV	58°, 52%, 87%
XYZ	57.7971, 66.7130, 23.4663
YIQ	206.4280, 38.3360, -33.9840

Conversions

Conversions Part 2

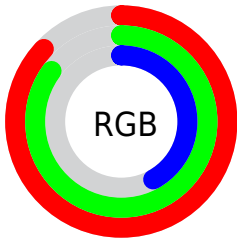
Format	Color
RYB	110, 222, 106
Decimal	14604906
CIELab	85.36, -13.29, 54.85
CIElCh	85, 56.433, 103.619
Yxy	66.7130, 0.3906, 0.4508
Android (android.graphics.Color)	4292794986 (0xFFDEDA6A)
YUV	206.4280, -49.5110, 13.6566
Hunter-Lab	81.6780, -16.6261, 40.1404

Details

The YUV color $206.4280, -49.5110, 13.6566$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $121.5720, 49.5110, -13.6566$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1700, -41.4958, 9.4979$, and $150.7590, -48.1952, 11.6124$ is the 20% darker color. If you saturate the color by 10%, you get $203.3330, -58.8312, 16.3710$, and if you desaturate by 10%, it is $209.5230, -40.1908, 10.9423$.

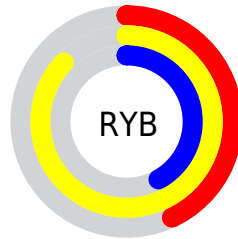
Distribution



Red (87%)

Green (85%)

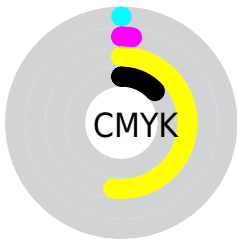
Blue (42%)



Red (43%)

Yellow (87%)

Blue (42%)

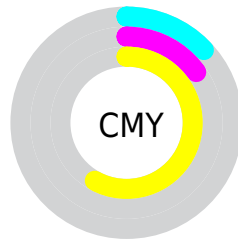


Cyan (0%)

Magenta (2%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4280, -49.5110, 13.6566 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 206.4280, -49.5110, 13.6566 by changing the saturation by 10% instead.

■ 206.4280,
-49.5110, 13.6566

■ 206.4280,
-49.5110, 13.6566

■ 255.0000, 0.0000,
0.0000

■ 178.3570,
-48.4900, 12.8419

■ 244.1700,
-41.4958, 9.4979

■ 150.7590,
-48.1952, 11.6124

■ 247.3620,
-29.2655, 6.6985

■ 124.1180,
-49.3582, 11.2975

■ 250.5540,
-17.0351, 3.8991

■ 98.3350, -48.4792,
9.3532

■ 253.8600, -4.3680,
0.9998

■ 76.4730, -37.7012,
5.7242

■ 54.6110, -26.9232,
2.0952

■ 34.8090, -17.1608,

-2.4635

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 206.4280,
-49.5110, 13.6566

■ 206.4280,
-49.5110, 13.6566

■ 203.3330,
-58.8312, 16.3710

■ 209.5230,
-40.1908, 10.9423

■ 200.2380,
-68.1513, 19.0853

■ 212.6180,
-30.8707, 8.2280

■ 197.6160,
-78.1977, 21.3848

■ 215.2400,
-20.8243, 5.9285

■ 194.5210,
-87.5179, 24.0991

■ 218.3350,
-11.5042, 3.2142

■ 191.9960,
-94.6540, 26.3135

■ 221.4300, -2.1840,
0.4999

■ 224.5250, 7.1362,
-2.2144

■ 226.3490, 14.1249,
-3.8141

■ 226.9360, 13.8356,
-4.3289

■ 227.5230, 13.5462,
-4.8437

Harmonies

Analogous

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



206.1850, -47.4192, 42.8108



206.4280, -49.5110, 13.6566



199.4960, -32.7825, -32.0070

Triad

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



206.4280, -49.5110, 13.6566



168.1890, 42.7978, -147.5018



205.7260, 19.3621, 43.2133

Complementary

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



206.4280, -49.5110, 13.6566



121.5720, 49.5110, -13.6566

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.



215.0510, 19.6949, 29.7733



206.4280, -49.5110, 13.6566



162.3190, 45.6917, -142.3538

Square

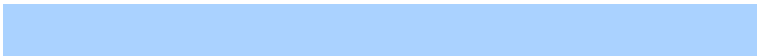
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.4280, -49.5110, 13.6566



168.4850, 33.7779, -147.7613



203.1700, 25.5522, -29.0901



197.2220, -3.0674, 50.6713

Rectangle

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



206.4280, -49.5110, 13.6566



191.9010, -13.7552, -68.3192



203.1700, 25.5522, -29.0901



209.8010, 22.2831, 39.6395

Sweetspot

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



206.4280, -49.5110, 13.6566



249.7390, -17.6193, 4.6139



141.3680, -14.4784, 70.7143



124.5630, -10.6306, 3.0142



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.



206.4280, -49.5110, 13.6566



233.1240, -68.5881, 19.1853



193.2280, -43.0034, -20.3710



110.7460, -4.8048, 1.0998



152.4140, -75.1401, 20.6849



41.9410, -20.6769, 5.3137

Inverse Universe

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



121.5720, 49.5110, -13.6566



115.8760, 68.5881, -19.1853



134.7720, 43.0034, 20.3710



102.2540, 4.8048, -1.0998



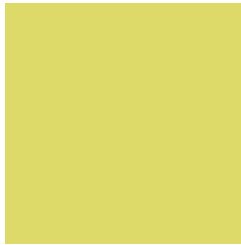
23.5860, 75.1401, -20.6849



6.6460, 20.3875, -5.8285

Previews

White Background



This preview shows how the YUV color 206.4280, -49.5110, 13.6566 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 206.4280, -49.5110, 13.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

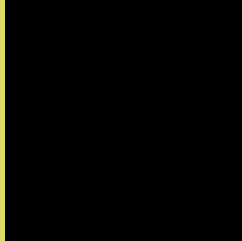
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4280, -49.5110, 13.6566

Background



This preview shows how black text looks on a background with the YUV color 206.4280, -49.5110, 13.6566.



This preview shows how white text looks on a background with the YUV color 206.4280, -49.5110,

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

206.4280, -49.5110, 13.6566

Protanopia

207.5650, -50.5645, 24.9375

Deuteranopia

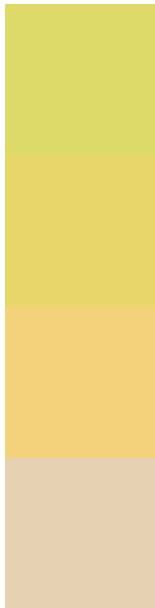
211.6280, -39.2566, 38.0372



Tritanopia

215.4950, 2.7140, 16.2289

Trichromacy



Original Color

206.4280, -49.5110, 13.6566

Protanomaly

207.2440, -50.4063, 20.8340

Deuteranomaly

209.9490, -42.8659, 28.9857

Tritanomaly

212.4460, -16.4889, 15.3949

Monochromacy



Original Color

206.4280, -49.5110, 13.6566

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0380, -17.7667, 5.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4280, -49.5110, 13.6566 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(222, 218, 106)` looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 106)  
}
```

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(222, 218, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 106) }
```

Border

The CSS property to change the border of an element to YUV 206.4280, -49.5110, 13.6566 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(222, 218, 106) }
```


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

```
.border{ border-color:rgb(222, 218, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 106);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 206.4280, -49.5110, 13.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 106) }
```

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

```
.background{ background-color: rgb(222,  
218, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor