

Converting Colors

YUV(206.0280, -39.4538,
7.8684)

Have a look what the booklet for
YUV(206.0280, -39.4538, 7.8684)
contains.

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Color

**YUV(206.0280, -39.4538,
7.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D97E
RGB	215, 217, 126
RGB Percent	84%, 85%, 49%
CMY	0.1569, 0.1490, 0.5059
CMYK	0.01, 0.00, 0.42, 0.15
HSL	61°, 54%, 67%
HSV	61°, 42%, 85%
XYZ	56.6031, 65.5791, 29.4134
YIQ	206.0280, 28.0190, -28.7250

Conversions

Conversions Part 2

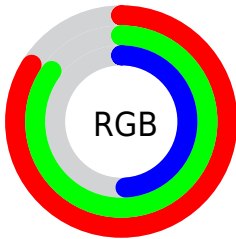
Format	Color
RYB	126, 217, 128
Decimal	14145918
CIELab	84.78, -13.74, 44.47
CIELCh	85, 46.546, 107.164
Yxy	65.5791, 0.3734, 0.4326
Android (android.graphics.Color)	4292335998 (0xFFD7D97E)
YUV	206.0280, -39.4538, 7.8684
Hunter-Lab	80.9809, -16.9509, 35.1517

Details

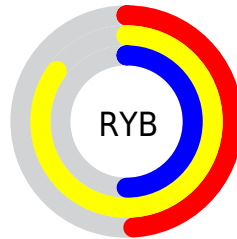
The YUV color $206.0280, -39.4538, 7.8684$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $136.9720, 39.4538, -7.8684$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $151.1850, -37.5592, 6.8538$ is the 20% darker color. If you saturate the color by 10%, you get $203.5200, -49.0634, 10.0680$, and if you desaturate by 10%, it is $208.5360, -29.8442, 5.6689$.

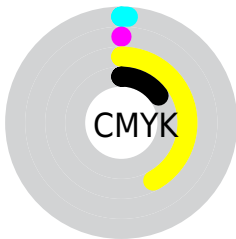
Distribution



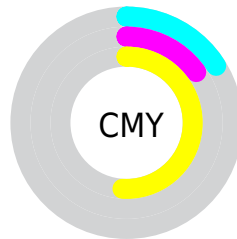
- Red (84%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.0280, -39.4538, 7.8684 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 206.0280, -39.4538, 7.8684 by changing the saturation by 10% instead.

■ 206.0280,
-39.4538, 7.8684

■ 206.0280,
-39.4538, 7.8684

255.0000, 0.0000,
0.0000

■ 178.2560,
-38.5802, 7.6685

■ 246.4500,
-32.7599, 7.4983

■ 151.1850,
-37.5592, 6.8538

■ 249.6420,
-20.5295, 4.6990

■ 124.5870,
-37.2644, 5.6242

■ 252.9480, -7.8624,
1.7996

■ 99.1740, -37.5538,
5.1094

■ 74.6900, -36.8222,
3.7799

■ 53.4260, -26.3390,
1.3804

■ 33.0370, -16.2872,

-2.6634

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 206.0280,
-39.4538, 7.8684

■ 206.0280,
-39.4538, 7.8684

■ 203.5200,
-49.0634, 10.0680

■ 208.5360,
-29.8442, 5.6689

■ 200.8270,
-58.0887, 11.5527

■ 211.2290,
-20.8189, 4.1842

■ 198.3190,
-67.6983, 13.7522

■ 213.7370,
-11.2093, 1.9847

■ 195.5120,
-77.1604, 15.3370

■ 216.5440, -1.7472,
0.3999

■ 193.0040,
-86.7700, 17.5365

■ 219.0520, 7.8624,
-1.7996

■ 190.7670,
-94.0481, 18.6213

■ 221.6310, 16.4509,
-3.1844

■ 221.9300, 16.3035,
-2.5696

Harmonies

Analogous

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



209.7700, -41.2986, 39.6667



206.0280, -39.4538, 7.8684



200.2710, -24.7836, -30.9327

Triad

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



206.0280, -39.4538, 7.8684



164.6670, 44.5342, -144.4130



207.7660, 11.9474, 41.4242

Complementary

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



206.0280, -39.4538, 7.8684



136.9720, 39.4538, -7.8684

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.



215.3390, 19.5529, 28.6437



206.0280, -39.4538, 7.8684



192.2740, 30.9239, -72.1543

Square

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



206.0280, -39.4538, 7.8684



169.9320, 32.5715, -134.1214



206.7910, 23.7670, -16.4797



202.1630, -6.9824, 46.3380

Rectangle

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



206.0280, -39.4538, 7.8684



194.5200, -9.1304, -58.3380



206.7910, 23.7670, -16.4797



211.2370, 17.6312, 38.3802

Sweetspot

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



206.0280, -39.4538, 7.8684



250.9390, -14.2669, 2.6845



154.3830, -13.9928, 54.9151



125.3070, -9.0254, 1.4848



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.



206.0280, -39.4538, 7.8684



239.6250, -55.0311, 10.8529



192.5730, -32.8205, -19.7965



108.4470, -4.6574, 0.4850



152.3810, -75.1238, 15.4519



40.4570, -19.9453, 3.9842

Inverse Universe

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



136.9720, 39.4538, -7.8684



143.0760, 55.1785, -11.4677



150.4270, 32.8205, 19.7965



100.2540, 4.8048, -1.0998



20.9180, 74.9764, -14.8371



5.5430, 19.9453, -3.9842

Previews

White Background



This preview shows how the YUV color 206.0280, -39.4538, 7.8684 looks on a white background.

Color Contrast Check

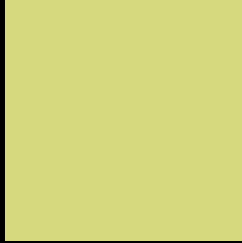
Large Text (above 18pt) WCAG AA × Fail

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 206.0280, -39.4538, 7.8684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

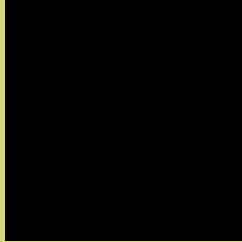
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.0280, -39.4538, 7.8684

Background



This preview shows how black text looks on a background with the YUV color 206.0280, -39.4538, 7.8684.



This preview shows how white text looks on a background with the YUV color 206.0280, -39.4538, 7.8684.

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

206.0280, -39.4538, 7.8684

Protanopia

207.9480, -41.3864, 21.0936

Deuteranopia

209.8670, -38.3884, 39.5816



Tritanopia

213.8040, 4.0406, 10.6959

Trichromacy



Original Color

206.0280, -39.4538, 7.8684

Protanomaly

207.4420, -40.6439, 16.2754

Deuteranomaly

208.0890, -38.4979, 27.9859

Tritanomaly

210.9660, -11.8152, 9.6768

Monochromacy



Original Color

206.0280, -39.4538, 7.8684

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9390, -14.2669, 2.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.0280, -39.4538, 7.8684 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(215, 217, 126)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 126)  
}
```

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(215, 217, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 126) }
```

Border

The CSS property to change the border of an element to YUV 206.0280, -39.4538, 7.8684 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(215, 217, 126) }
```


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

```
.border{ border-color:rgb(215, 217, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 126);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 206.0280, -39.4538, 7.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 126) }
```

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

```
.background{ background-color: rgb(215,  
217, 126) }
```

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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