

Converting Colors

YUV(205.4190, -39.1536,
4.8945)

Have a look what the booklet for
YUV(205.4190, -39.1536, 4.8945)
contains.

YUV(205.4190, -39.1536, 4.8945)	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(205.4190, -39.1536,
4.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DA7E
RGB	211, 218, 126
RGB Percent	83%, 85%, 49%
CMY	0.1725, 0.1451, 0.5059
CMYK	0.03, 0.00, 0.42, 0.15
HSL	65°, 55%, 67%
HSV	65°, 42%, 85%
XYZ	55.7013, 65.4980, 29.4453
YIQ	205.4190, 25.3600, -30.0960

Conversions

Conversions Part 2

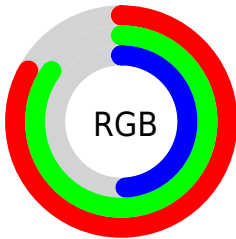
Format	Color
RYB	126, 218, 133
Decimal	13884030
CIELab	84.74, -15.80, 44.35
CIELCh	85, 47.086, 109.611
Yxy	65.4980, 0.3698, 0.4348
Android (android.graphics.Color)	4292074110 (0xFFD3DA7E)
YUV	205.4190, -39.1536, 4.8945
Hunter-Lab	80.9309, -18.7751, 35.0800

Details

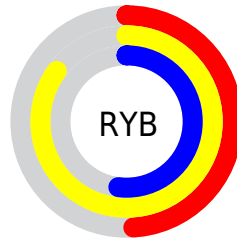
The YUV color $205.4190, -39.1536, 4.8945$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $138.5810, 39.1536, -4.8945$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $150.5760, -37.2590, 3.8798$ is the 20% darker color. If you saturate the color by 10%, you get $202.3130, -48.4683, 5.8645$, and if you desaturate by 10%, it is $208.5250, -29.8388, 3.9246$.

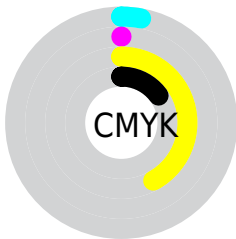
Distribution



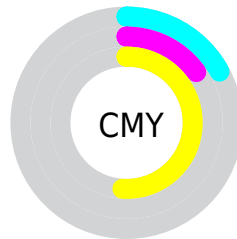
- Red (83%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.4190, -39.1536, 4.8945 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 205.4190, -39.1536, 4.8945 by changing the saturation by 10% instead.

■ 205.4190,
-39.1536, 4.8945

■ 205.4190,
-39.1536, 4.8945

255.0000, 0.0000,
0.0000

■ 177.6470,
-38.2800, 4.6946

■ 246.4500,
-32.7599, 7.4983

■ 150.5760,
-37.2590, 3.8798

■ 249.6420,
-20.5295, 4.6990

■ 124.2770,
-37.1116, 3.2651

■ 252.9480, -7.8624,
1.7996

■ 98.5650, -37.2535,
2.1355

■ 73.7930, -36.3799,
1.9355

■ 53.1160, -26.1862,
-0.9787

■ 32.4280, -15.9870,

-5.6374

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 205.4190,
-39.1536, 4.8945

■ 205.4190,
-39.1536, 4.8945

■ 202.3130,
-48.4683, 5.8645

■ 208.5250,
-29.8388, 3.9246

■ 199.5060,
-57.9305, 7.4492

■ 211.3320,
-20.3767, 2.3398

■ 196.5140,
-66.8084, 8.3192

■ 214.3240,
-11.4987, 1.4699

■ 193.4080,
-76.1231, 9.2892

■ 217.4300, -2.1840,
0.4999

■ 190.6010,
-85.5853, 10.8739

■ 220.2370, 7.2782,
-1.0848

■ 188.0650,
-92.7160, 11.3440

■ 223.1150, 15.7193,
-1.8549

■ 223.7130, 15.4245,
-0.6253

■ 224.0120, 15.2771,
-0.0105

■ 224.6100, 14.9823,
1.2190

Harmonies

Analogous

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



209.8300, -42.3142, 38.7371



205.4190, -39.1536, 4.8945



199.0040, -23.1730, -34.2065

Triad

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



205.4190, -39.1536, 4.8945



164.6670, 44.5342, -144.4130



206.8370, 10.9264, 42.2390

Complementary

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



205.4190, -39.1536, 4.8945



138.5810, 39.1536, -4.8945

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.



215.3610, 19.5420, 32.1324



205.4190, -39.1536, 4.8945



193.1820, 30.4763, -68.5656

Square

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



205.4190, -39.1536, 4.8945



165.3050, 36.8246, -144.9725



207.6990, 23.3194, -12.8910



201.7070, -8.7296, 46.7380

Rectangle

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



205.4190, -39.1536, 4.8945



193.3560, -7.0775, -63.4562



207.6990, 23.3194, -12.8910



210.3080, 16.6102, 39.1949

Sweetspot

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



205.4190, -39.1536, 4.8945



250.3410, -13.9721, 1.4549



157.0300, -15.2978, 53.4707



125.0080, -8.8779, 0.8700



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.



205.4190, -39.1536, 4.8945



237.1900, -55.3097, 6.8494



191.9640, -32.5203, -22.7704



108.4470, -4.6574, 0.4850



149.3910, -73.6498, 9.3041



39.5600, -19.5031, 2.1399

Inverse Universe

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



138.5810, 39.1536, -4.8945



142.8100, 55.3097, -6.8494



152.0360, 32.5203, 22.7704



100.5530, 4.6574, -0.4850



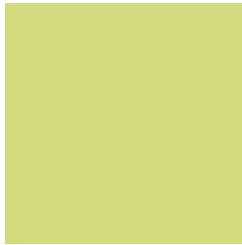
23.6090, 73.6498, -9.3041



6.1410, 19.6505, -2.7547

Previews

White Background



This preview shows how the YUV color 205.4190, -39.1536, 4.8945 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 205.4190, -39.1536, 4.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

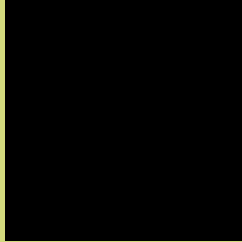
Any Text WCAG AA ✓ Pass

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 205.4190, -39.1536, 4.8945 Background



This preview shows how black text looks on a background with the YUV color 205.4190, -39.1536, 4.8945.



This preview shows how white text looks on a background with the YUV color 205.4190, -39.1536,

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

205.4190, -39.1536, 4.8945

Protanopia

207.3610, -41.0970, 21.6084

Deuteranopia

209.8670, -38.3884, 39.5816



Tritanopia

213.3090, 4.7777, 7.6220

Trichromacy



Original Color

205.4190, -39.1536, 4.8945

Protanomaly

206.8440, -40.3491, 15.0458

Deuteranomaly

208.3770, -38.6399, 26.8564

Tritanomaly

210.4710, -11.0782, 6.6029

Monochromacy



Original Color

205.4190, -39.1536, 4.8945

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.2270, -14.4089, 1.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4190, -39.1536, 4.8945 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(211, 218, 126)` looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 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(211, 218, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 126) }
```

Border

The CSS property to change the border of an element to YUV 205.4190, -39.1536, 4.8945 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(211, 218, 126) }
```


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

```
.border{ border-color:rgb(211, 218, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 126);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 205.4190, -39.1536, 4.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 126) }
```

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

```
.background{ background-color: rgb(211,  
218, 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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