

Converting Colors

YUV(205.9290, -39.4050,
-7.8307)

Have a look what the booklet for
YUV(205.9290, -39.4050, -7.8307)
contains.

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Color

**YUV(205.9290, -39.4050,
-7.8307)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E27E
RGB	197, 226, 126
RGB Percent	77%, 89%, 49%
CMY	0.2275, 0.1137, 0.5059
CMYK	0.13, 0.00, 0.44, 0.11
HSL	77°, 63%, 69%
HSV	77°, 44%, 89%
XYZ	53.9882, 67.7694, 29.9740
YIQ	205.9290, 14.8160, -37.2480

Conversions

Conversions Part 2

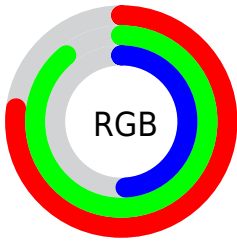
Format	Color
RYB	126, 226, 155
Decimal	12968574
CIELab	85.89, -25.10, 45.57
CIELCh	86, 52.025, 118.846
Yxy	67.7694, 0.3558, 0.4466
Android (android.graphics.Color)	4291158654 (0xFFC5E27E)
YUV	205.9290, -39.4050, -7.8307
Hunter-Lab	82.3222, -27.0006, 36.0377

Details

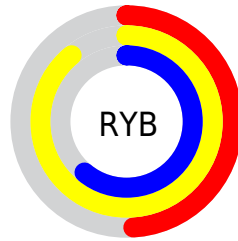
The YUV color $205.9290, -39.4050, -7.8307$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $146.0710, 39.4050, 7.8307$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.4500, -32.7599, 7.4983$, and $150.9720, -37.9472, -8.7454$ is the 20% darker color. If you saturate the color by 10%, you get $201.2140, -48.4195, -9.8347$, and if you desaturate by 10%, it is $210.6440, -30.3905, -5.8268$.

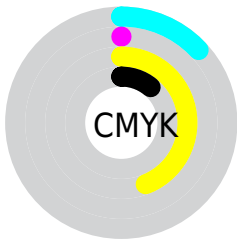
Distribution



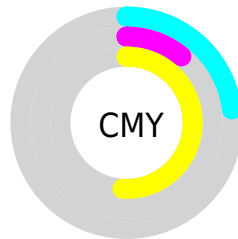
- Red (77%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.9290, -39.4050, -7.8307 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 205.9290, -39.4050, -7.8307 by changing the saturation by 10% instead.

■ 205.9290,
-39.4050, -7.8307

■ 205.9290,
-39.4050, -7.8307

255.0000, 0.0000,
0.0000

■ 178.1570,
-38.5314, -8.0307

■ 246.4500,
-32.7599, 7.4983

■ 150.9720,
-37.9472, -8.7454

■ 249.6420,
-20.5295, 4.6990

■ 124.4990,
-37.2210, -8.3306

■ 252.9480, -7.8624,
1.7996

■ 98.3850, -37.6578,
-8.2306

■ 74.0150, -36.4894,
-9.6602

■ 52.7510, -26.0062,
-12.0596

■ 30.5790, -15.0754,

-18.0478

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 205.9290,
-39.4050, -7.8307

■ 205.9290,
-39.4050, -7.8307

■ 201.2140,
-48.4195, -9.8347

■ 210.6440,
-30.3905, -5.8268

■ 196.9120,
-57.1446, -11.3238

■ 214.9460,
-21.6654, -4.3376

■ 192.1970,
-66.1591, -13.3278

■ 219.6610,
-12.6509, -2.3337

■ 187.8950,
-74.8842, -14.8169

■ 223.9630, -3.9258,
-0.8446

■ 183.1800,
-83.8987, -16.8209

■ 228.6780, 5.0887,
1.1594

■ 180.5020,
-88.9875, -17.9803

■ 232.2960, 11.1931,
3.2484

■ 234.3890, 10.1612,
7.5518

■ 236.1830, 9.2768,
11.2405

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



210.8200, -47.2393, 31.7299



205.9290, -39.4050, -7.8307



197.9630, -17.7298, -53.4646

Triad

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



205.9290, -39.4050, -7.8307



165.8410, 43.9554, -145.4426



203.9360, 7.4266, 44.7831

Complementary

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



205.9290, -39.4050, -7.8307



146.0710, 39.4050, 7.8307

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.



213.9100, 20.2574, 36.0359



205.9290, -39.4050, -7.8307



197.6780, 28.2597, -57.5996

Square

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



205.9290, -39.4050, -7.8307



169.9500, 41.9297, -149.0461



212.8150, 20.7972, 2.7932



200.6980, -15.1341, 47.6229

Rectangle

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



205.9290, -39.4050, -7.8307



187.8240, 3.0448, -90.1766



212.8150, 20.7972, 2.7932



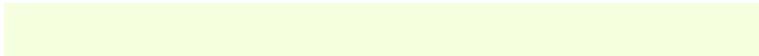
206.9340, 13.8365, 42.1539

Sweetspot

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



205.9290, -39.4050, -7.8307



248.2480, -12.9403, -2.8485



172.3360, -22.8436, 47.0633



123.8120, -8.2883, -1.5891



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.



205.9290, -39.4050, -7.8307



227.9490, -53.2189, -10.4793



191.2780, -32.1821, -37.9548



109.8490, -4.3626, -0.7446



140.6870, -69.3587, -13.7575



38.3420, -18.9026, -3.8079

Inverse Universe

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



146.0710, 39.4050, 7.8307



147.0510, 53.2189, 10.4793



160.7220, 32.1821, 37.9548



103.1510, 4.3626, 0.7446



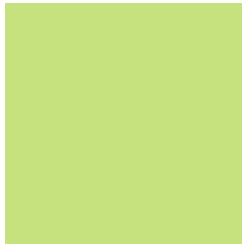
35.3130, 69.3587, 13.7575



9.6580, 18.9026, 3.8079

Previews

White Background



This preview shows how the YUV color 205.9290, -39.4050, -7.8307 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 205.9290, -39.4050, -7.8307 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 205.9290, -39.4050, -7.8307

Background



This preview shows how black text looks on a background with the YUV color 205.9290, -39.4050, -7.8307.



This preview shows how white text looks on a background with the YUV color 205.9290, -39.4050, -7.8307.

-7.8307.

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

205.9290, -39.4050, -7.8307

Protanopia

209.7910, -43.2810, 22.1083

Deuteranopia

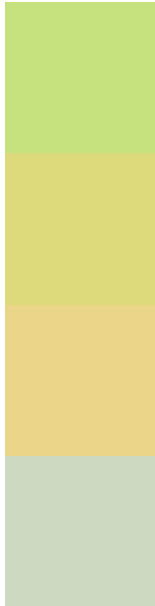
213.4690, -34.7412, 36.4227



Tritanopia

214.7420, 8.0152, -4.1587

Trichromacy



Original Color

205.9290, -39.4050, -7.8307

Protanomaly

208.0670, -41.9380, 11.3422

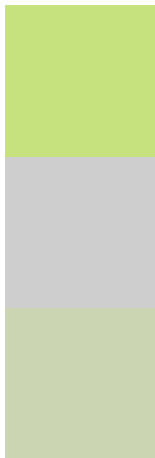
Deuteranomaly

210.6150, -36.2922, 20.5086

Tritanomaly

211.2630, -9.0037, -5.4927

Monochromacy



Original Color

205.9290, -39.4050, -7.8307

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9060, -14.2507, -2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.9290, -39.4050, -7.8307 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(197, 226, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 226, 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(197, 226, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 226, 126) }
```

Border

The CSS property to change the border of an element to YUV 205.9290, -39.4050, -7.8307 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(197, 226, 126) }
```


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

```
.border{ border-color:rgb(197, 226, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 226, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 226, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 226, 126); box-shadow:4px 4px 4px 4px rgb(197, 226, 126) }
```

Background

The CSS property to change the background color of an element to YUV 205.9290, -39.4050, -7.8307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 226, 126) }
```

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

```
.background{ background-color: rgb(197,  
226, 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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