

Converting Colors

YUV(200.5270, -39.6998,
-6.6012)

Have a look what the booklet for
YUV(200.5270, -39.6998, -6.6012)
contains.

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Color

**YUV(200.5270, -39.6998,
-6.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DC78
RGB	193, 220, 120
RGB Percent	76%, 86%, 47%
CMY	0.2431, 0.1373, 0.5294
CMYK	0.12, 0.00, 0.45, 0.14
HSL	76°, 59%, 67%
HSV	76°, 45%, 86%
XYZ	50.9757, 63.8799, 27.4127
YIQ	200.5270, 16.0080, -36.8240

Conversions

Conversions Part 2

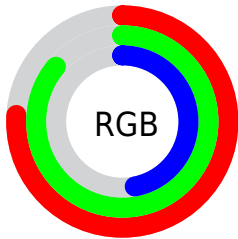
Format	Color
RYB	120, 220, 147
Decimal	12704888
CIELab	83.90, -24.38, 45.96
CIElCh	84, 52.026, 117.946
Yxy	63.8799, 0.3583, 0.4490
Android (android.graphics.Color)	4290894968 (0xFFC1DC78)
YUV	200.5270, -39.6998, -6.6012
Hunter-Lab	79.9249, -26.0223, 35.6122

Details

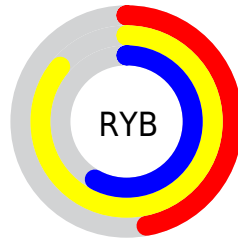
The YUV color $200.5270, -39.6998, -6.6012$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $139.4730, 39.6998, 6.6012$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5700, -34.7910, 5.6391$, and $145.8690, -38.3894, -6.9011$ is the 20% darker color. If you saturate the color by 10%, you get $196.2250, -48.4249, -8.0903$, and if you desaturate by 10%, it is $204.8290, -30.9747, -5.1120$.

Distribution



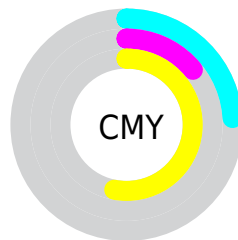
- Red (76%)
- Green (86%)
- Blue (47%)



- Red (47%)
- Yellow (86%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.5270, -39.6998, -6.6012 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 200.5270, -39.6998, -6.6012 by changing the saturation by 10% instead.

■ 200.5270,
-39.6998, -6.6012

■ 200.5270,
-39.6998, -6.6012

255.0000, 0.0000,
0.0000

■ 172.7550,
-38.8262, -6.8011

■ 244.5700,
-34.7910, 5.6391

■ 145.8690,
-38.3894, -6.9011

■ 248.9580,
-23.1503, 5.2988

■ 119.6840,
-37.8052, -7.6159

■ 252.1500,
-10.9200, 2.4994

■ 93.3420, -39.1156,
-7.3159

■ 69.2970, -34.1634,
-9.0305

■ 48.6200, -23.9697,
-11.9447

■ 27.0350, -13.3283,

-18.4477

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 200.5270,
-39.6998, -6.6012

■ 200.5270,
-39.6998, -6.6012

■ 196.2250,
-48.4249, -8.0903

■ 204.8290,
-30.9747, -5.1120

■ 191.9230,
-57.1500, -9.5795

■ 209.1310,
-22.2496, -3.6229

■ 187.6210,
-65.8752, -11.0686

■ 213.4330,
-13.5245, -2.1337

■ 183.3190,
-74.6003, -12.5578

■ 217.7350, -4.7994,
-0.6446

■ 179.0170,
-83.3254, -14.0469

■ 222.0370, 3.9258,
0.8446

■ 177.2790,
-87.3985, -14.2767

■ 226.3390, 12.6509,
2.3337

■ 228.4750, 13.0768,
5.7224

■ 230.2690, 12.1924,
9.4111

■ 231.7640, 11.4553,
12.4850

Harmonies

Analogous

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



205.4180, -47.5341, 32.9594



200.5270, -39.6998, -6.6012



192.4470, -18.4614, -52.1350

Triad

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



200.5270, -39.6998, -6.6012



162.9060, 45.4023, -142.8686



200.5450, 7.1263, 47.7570

Complementary

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



200.5270, -39.6998, -6.6012



139.4730, 39.6998, 6.6012

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.



210.9750, 21.7043, 38.6099



200.5270, -39.6998, -6.6012



191.7530, 31.1808, -61.1734

Square

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



200.5270, -39.6998, -6.6012



166.3140, 43.2292, -145.8574



207.4880, 23.4234, 0.4490



196.7200, -15.1450, 51.1116

Rectangle

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



200.5270, -39.6998, -6.6012



182.3080, 2.3132, -88.8471



207.4880, 23.4234, 0.4490



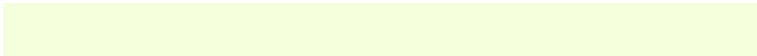
203.5430, 13.5363, 45.1278

Sweetspot

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



200.5270, -39.6998, -6.6012



247.9060, -14.2507, -2.5486



165.7490, -22.5543, 47.5781



123.6980, -8.7251, -1.4891



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.



200.5270, -39.6998, -6.6012



227.6780, -55.5503, -9.3646



185.5770, -32.3295, -37.3400



107.8490, -4.3626, -0.7446



139.5240, -68.7853, -10.9835



37.1680, -18.3238, -2.7783

Inverse Universe

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



139.4730, 39.6998, 6.6012



142.3220, 55.5503, 9.3646



154.4230, 32.3295, 37.3400



101.1510, 4.3626, 0.7446



33.7750, 68.6379, 11.5983



8.8320, 18.3238, 2.7783

Previews

White Background



This preview shows how the YUV color 200.5270, -39.6998, -6.6012 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 200.5270, -39.6998, -6.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

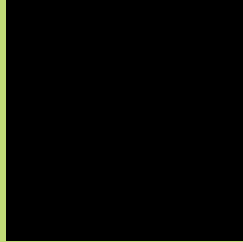
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

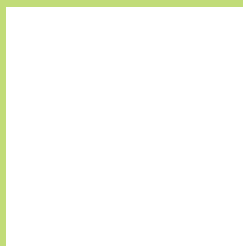
Any Text WCAG AAA ✓ Pass

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

YUV 200.5270, -39.6998, -6.6012 Background



This preview shows how black text looks on a background with the YUV color 200.5270, -39.6998, -6.6012.



This preview shows how white text looks on a background with the YUV color 200.5270, -39.6998, -6.6012.

-6.6012.

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

200.5270, -39.6998, -6.6012

Protanopia

204.6770, -43.7178, 22.2083

Deuteranopia

206.7100, -40.2830, 40.5963



Tritanopia

209.3400, 7.7204, -2.9292

Trichromacy



Original Color

200.5270, -39.6998, -6.6012

Protanomaly

203.2520, -42.5222, 12.0570

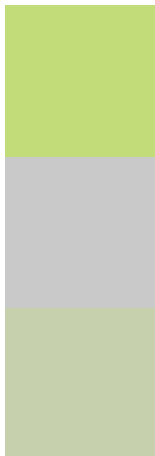
Deuteranomaly

204.6000, -40.2288, 23.1528

Tritanomaly

205.8610, -9.2985, -4.2631

Monochromacy



Original Color

200.5270, -39.6998, -6.6012

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9060, -14.2507, -2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5270, -39.6998, -6.6012 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(193, 220, 120)` looks like.

```
.text, #text, p{  
    color:rgb(193, 220, 120)  
}
```

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(193, 220, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 220, 120) }
```

Border

The CSS property to change the border of an element to YUV 200.5270, -39.6998, -6.6012 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(193, 220, 120) }
```


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

```
.border{ border-color:rgb(193, 220, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 220, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 220, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 220, 120);  
box-shadow:4px 4px 4px 4px rgb(193, 220,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 200.5270, -39.6998, -6.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 220, 120) }
```

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

```
.background{ background-color: rgb(193,  
220, 120) }
```

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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