

Converting Colors

YUV(206.8510, -51.1985,
-5.1313)

Have a look what the booklet for
YUV(206.8510, -51.1985, -5.1313)
contains.

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Color

**YUV(206.8510, -51.1985,
-5.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E667
RGB	201, 230, 103
RGB Percent	79%, 90%, 40%
CMY	0.2118, 0.0980, 0.5961
CMYK	0.13, 0.00, 0.55, 0.10
HSL	74°, 72%, 65%
HSV	74°, 55%, 90%
XYZ	54.8324, 69.9904, 23.4515
YIQ	206.8510, 23.4830, -45.6450

Conversions

Conversions Part 2

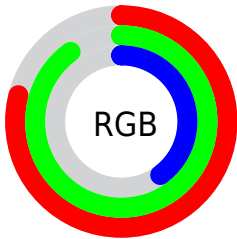
Format	Color
RYB	103, 230, 132
Decimal	13231719
CIELab	86.99, -27.70, 57.69
CIELCh	87, 63.993, 115.648
Yxy	69.9904, 0.3698, 0.4720
Android (android.graphics.Color)	4291421799 (0xFFC9E667)
YUV	206.8510, -51.1985, -5.1313
Hunter-Lab	83.6603, -29.4135, 41.9421

Details

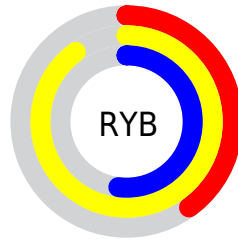
The YUV color $206.8510, -51.1985, -5.1313$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $126.1490, 51.1985, 5.1313$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9420, -42.3694, 9.6979$, and $150.6660, -50.6143, -5.8461$ is the 20% darker color. If you saturate the color by 10%, you get $202.7340, -60.5079, -5.9057$, and if you desaturate by 10%, it is $210.9680, -41.8892, -4.3569$.

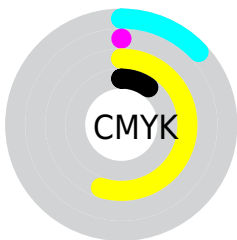
Distribution



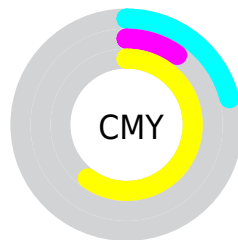
- Red (79%)
- Green (90%)
- Blue (40%)



- Red (40%)
- Yellow (90%)
- Blue (52%)



- Cyan (13%)
- Magenta (0%)
- Yellow (55%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8510, -51.1985, -5.1313 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 206.8510, -51.1985, -5.1313 by changing the saturation by 10% instead.

■ 206.8510,
-51.1985, -5.1313

■ 206.8510,
-51.1985, -5.1313

255.0000, 0.0000,
0.0000

■ 178.6660,
-50.6143, -5.8461

■ 243.9420,
-42.3694, 9.6979

■ 150.6660,
-50.6143, -5.8461

■ 247.1340,
-30.1391, 6.8985

■ 123.5690,
-53.5245, -5.7610

■ 250.3260,
-17.9087, 4.0991

■ 98.5240, -48.5723,
-7.4755

■ 253.6320, -5.2416,
1.1997

■ 76.0750, -37.5050,
-10.5898

■ 53.9140, -26.5796,
-14.8336

■ 30.8450, -15.2066,

-22.6661

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 206.8510,
-51.1985, -5.1313

■ 206.8510,
-51.1985, -5.1313

■ 202.7340,
-60.5079, -5.9057

■ 210.9680,
-41.8892, -4.3569

■ 198.3180,
-69.6698, -7.2949

■ 215.3840,
-32.7273, -2.9678

■ 194.2010,
-78.9791, -8.0693

■ 219.5010,
-23.4180, -2.1934

■ 190.0840,
-88.2884, -8.8437

■ 223.6180,
-14.1087, -1.4190

■ 187.9330,
-92.6510, -9.5882

■ 227.7350, -4.7994,
-0.6446

■ 232.1510, 4.3626,
0.7446

■ 235.2420, 9.7407,
2.4188

■ 236.7370, 9.0037,
5.4927

■ 238.2320, 8.2666,
8.5665

Harmonies

Analogous

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



211.1770, -58.7543, 38.4328



206.8510, -51.1985, -5.1313



196.1870, -24.2492, -62.4310

Triad

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



206.8510, -51.1985, -5.1313



170.5370, 41.6403, -149.5609



199.7930, 14.3991, 48.4165

Complementary

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



206.8510, -51.1985, -5.1313



126.1490, 51.1985, 5.1313

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.



211.5620, 21.4149, 38.0951



206.8510, -51.1985, -5.1313



182.3520, 35.8155, -101.1637

Square

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



206.8510, -51.1985, -5.1313



174.6460, 39.6145, -153.1645



211.2980, 21.5451, -3.7693



195.3010, -12.9664, 52.3560

Rectangle

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



206.8510, -51.1985, -5.1313



173.6680, 6.0797, -130.3818



211.2980, 21.5451, -3.7693



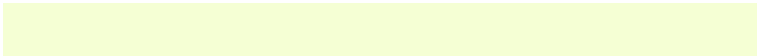
204.5350, 22.4142, 44.2578

Sweetspot

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



206.8510, -51.1985, -5.1313



247.1080, -17.3082, -1.8487



157.4090, -26.8236, 63.6623



123.2420, -10.4723, -1.0892



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.



206.8510, -51.1985, -5.1313



224.4860, -67.7806, -6.5652



188.3130, -42.0593, -43.2475



112.7350, -4.7994, -0.6446



146.3350, -72.1432, -7.3098



41.5980, -20.5078, -2.2784

Inverse Universe

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



126.1490, 51.1985, 5.1313



117.5140, 67.7806, 6.5652



144.6870, 42.0593, 43.2475



105.2650, 4.7994, 0.6446



32.6650, 72.1432, 7.3098



9.4020, 20.5078, 2.2784

Previews

White Background



This preview shows how the YUV color 206.8510, -51.1985, -5.1313 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 206.8510, -51.1985, -5.1313 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 206.8510, -51.1985, -5.1313 Background



This preview shows how black text looks on a background with the YUV color 206.8510, -51.1985, -5.1313.



This preview shows how white text looks on a background with the YUV color 206.8510, -51.1985, -5.1313.

-5.1313.

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

206.8510, -51.1985, -5.1313

Protanopia

211.3110, -55.3693, 26.0373

Deuteranopia

216.3870, -33.7148, 33.8636



Tritanopia

217.9380, 7.4256, -1.6996

Trichromacy



Original Color

206.8510, -51.1985, -5.1313

Protanomaly

209.2880, -53.8790, 14.6564

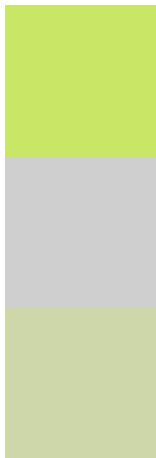
Deuteranomaly

212.6920, -39.7812, 19.5641

Tritanomaly

214.0200, -13.8139, -2.6485

Monochromacy



Original Color

206.8510, -51.1985, -5.1313

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.7660, -18.6186, -1.5488

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8510, -51.1985, -5.1313 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(201, 230, 103)` looks like.

```
.text, #text, p{  
    color:rgb(201, 230, 103)  
}
```

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(201, 230, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 230, 103) }
```

Border

The CSS property to change the border of an element to YUV 206.8510, -51.1985, -5.1313 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(201, 230, 103) }
```


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

```
.border{ border-color:rgb(201, 230, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 230, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 230, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 230, 103);  
box-shadow:4px 4px 4px 4px rgb(201, 230,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 206.8510, -51.1985, -5.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 230, 103) }
```

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

```
.background{ background-color: rgb(201,  
230, 103) }
```

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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