

Converting Colors

YUV(205.8270, -1.3937,
-66.5003)

Have a look what the booklet for
YUV(205.8270, -1.3937, -66.5003)
contains.

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Color

**YUV(205.8270, -1.3937,
-66.5003)**

Conversions

Conversions Part 1

Format	Color
Hex	82F5CB
RGB	130, 245, 203
RGB Percent	51%, 96%, 80%
CMY	0.4902, 0.0392, 0.2039
CMYK	0.47, 0.00, 0.17, 0.04
HSL	158°, 85%, 74%
HSV	158°, 47%, 96%
XYZ	52.6378, 74.3624, 68.0790
YIQ	205.8270, -55.0580, -37.4420

Conversions

Conversions Part 2

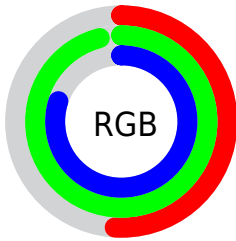
Format	Color
R_{YB}	130, 200, 245
Decimal	8582603
CIE Lab	89.09, -42.39, 10.18
CIE LCh	89, 43.590, 166.501
Yxy	74.3624, 0.2698, 0.3812
Android (android.graphics.Color)	4286772683 (0xFF82F5CB)
YUV	205.8270, -1.3937, -66.5003
Hunter-Lab	86.2337, -41.9509, 13.5558

Details

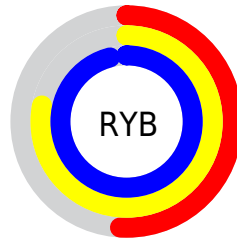
The YUV color **205.8270, -1.3937, -66.5003** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **169.1730, 1.3937, 66.5003**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **148.2720, 0.3589, -68.6445** is the 20% darker color. If you saturate the color by 10%, you get **197.6250, -1.7871, -80.3551**, and if you desaturate by 10%, it is **214.3280, -1.1477, -52.0307**.

Distribution



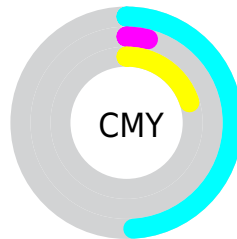
- Red (51%)
- Green (96%)
- Blue (80%)



- Red (51%)
- Yellow (78%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.8270, -1.3937, -66.5003 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 205.8270, -1.3937, -66.5003 by changing the saturation by 10% instead.

■ 205.8270, -1.3937,
-66.5003

■ 205.8270, -1.3937,
-66.5003

255.0000, 0.0000,
0.0000

■ 177.0550, -0.5201,
-66.7002

■ 234.9670, 9.8763,
-41.1901

■ 148.2720, 0.3589,
-68.6445

■ 243.9370, 5.4541,
-22.7467

■ 118.6950, 2.1224,
-74.2775

■ 252.9070, 1.0318,
-4.3034

■ 89.8300, 4.0278,
-78.7809

■ 71.8320, 1.0688,
-62.9967

■ 54.6490, -1.3060,
-47.9272

■ 38.0530, -3.9701,

-33.3725

■ 23.1040, -7.9393,
-20.2622

■ 0.0000, 0.0000,
0.0000

■ 205.8270, -1.3937,
-66.5003

■ 205.8270, -1.3937,
-66.5003

■ 197.6250, -1.7871,
-80.3551

■ 214.3280, -1.1477,
-52.0307

■ 189.1240, -2.0331,
-94.8247

■ 222.5300, -0.7543,
-38.1758

■ 180.6230, -2.2791,
-109.2944

■ 230.7320, -0.3609,
-24.3210

■ 172.4210, -2.6726,
-123.1492

■ 239.2330, -0.1149,
-9.8513

■ 163.9200, -2.9186,
-137.6188

■ 247.4350, 0.2785,
4.0035

■ 161.5990, -2.7603,
-141.7223

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



213.5210, -23.9209, -27.6439



205.8270, -1.3937, -66.5003



196.0670, 24.6170, -102.6678

Triad

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



205.8270, -1.3937, -66.5003



218.6080, 17.9413, -14.5652



213.0420, -23.6847, 36.7972

Complementary

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



205.8270, -1.3937, -66.5003



169.1730, 1.3937, 66.5003

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.



211.9770, -4.9187, 37.7312



205.8270, -1.3937, -66.5003



225.6500, 14.4696, 25.7400

Square

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



205.8270, -1.3937, -66.5003



205.9070, 24.2028, -63.0624



217.9390, 12.8481, 32.5025



218.7520, -37.3457, 31.7895

Rectangle

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



205.8270, -1.3937, -66.5003



191.7330, 31.1906, -111.1448



217.9390, 12.8481, 32.5025



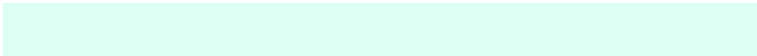
211.9480, -17.7224, 37.7566

Sweetspot

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



205.8270, -1.3937, -66.5003



242.7540, -0.3717, -20.8323



210.0630, -39.4711, -33.3813



120.5100, -0.2514, -12.7253



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.



205.8270, -1.3937, -66.5003



206.3150, -1.6343, -82.7143



201.8100, 21.2927, -62.9774



117.9560, 0.0217, -6.9774



122.6340, -2.2846, -107.5500



38.8510, -0.9125, -34.0723

Inverse Universe

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



169.1730, 1.3937, 66.5003



160.6850, 1.6343, 82.7143



173.1900, -21.2927, 62.9774



114.1580, 0.4151, 6.8774



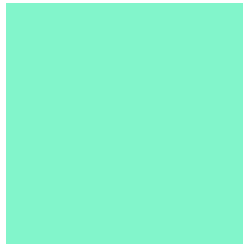
63.3660, 2.2846, 107.5500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 205.8270, -1.3937, -66.5003 looks on a white background.

Color Contrast Check

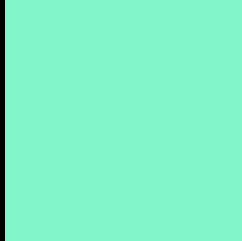
Large Text (above 18pt) WCAG AA × Fail

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 205.8270, -1.3937, -66.5003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

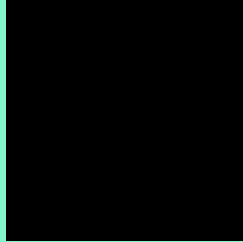
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.8270, -1.3937, -66.5003

Background



This preview shows how black text looks on a background with the YUV color 205.8270, -1.3937, -66.5003.



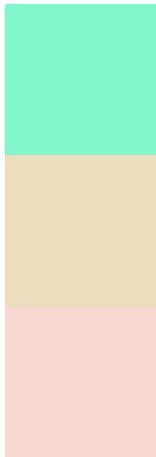
This preview shows how white text looks on a background with the YUV color 205.8270, -1.3937,

-66.5003.

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

205.8270, -1.3937, -66.5003

Protanopia

222.0540, -15.3096, 10.4766

Deuteranopia

224.4820, -7.6326, 21.5023



Tritanopia

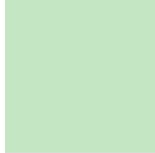
213.0390, 20.6868, -55.2852

Trichromacy



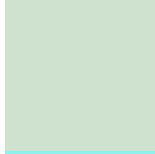
Original Color

205.8270, -1.3937, -66.5003



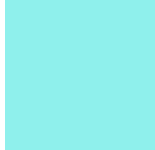
Protanomaly

215.8440, -10.2761, -17.4032



Deuteranomaly

217.8540, -5.3510, -10.3960



Tritanomaly

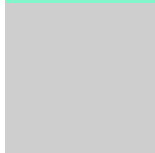
210.5410, 12.5513, -59.2335

Monochromacy



Original Color

205.8270, -1.3937, -66.5003



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.7320, -0.3609, -24.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.8270, -1.3937, -66.5003 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(130, 245, 203)` looks like.

```
.text, #text, p{  
    color:rgb(130, 245, 203)  
}
```

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(130, 245, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 245, 203) }
```

Border

The CSS property to change the border of an element to YUV 205.8270, -1.3937, -66.5003 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(130, 245, 203) }
```


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

```
.border{ border-color:rgb(130, 245, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 245, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 245, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 245, 203);  
box-shadow:4px 4px 4px 4px rgb(130, 245,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 205.8270, -1.3937, -66.5003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 245, 203) }
```

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

```
.background{ background-color: rgb(130,  
245, 203) }
```

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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