

Converting Colors

YUV(204.1330, -5.4886,
-59.7526)

Have a look what the booklet for
YUV(204.1330, -5.4886, -59.7526)
contains.

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Color

**YUV(204.1330, -5.4886,
-59.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	88F1C1
RGB	136, 241, 193
RGB Percent	53%, 95%, 76%
CMY	0.4667, 0.0549, 0.2431
CMYK	0.44, 0.00, 0.20, 0.05
HSL	153°, 79%, 74%
HSV	153°, 44%, 95%
XYZ	51.2343, 71.9951, 61.6482
YIQ	204.1330, -47.1720, -37.1880

Conversions

Conversions Part 2

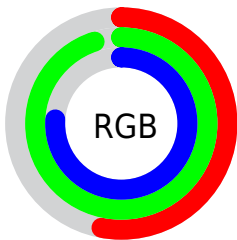
Format	Color
R _Y B	136, 204, 241
Decimal	8974785
CIE Lab	87.97, -41.21, 13.80
CIE LCh	88, 43.457, 161.491
Yxy	71.9951, 0.2771, 0.3894
Android (android.graphics.Color)	4287164865 (0xFF88F1C1)
YUV	204.1330, -5.4886, -59.7526
Hunter-Lab	84.8499, -40.7051, 16.3175

Details

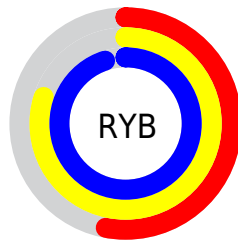
The YUV color $204.1330, -5.4886, -59.7526$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $172.8670, 5.4886, 59.7526$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8920, 6.9552, -37.6163$, and $147.4750, -4.1782, -60.0526$ is the 20% darker color. If you saturate the color by 10%, you get $195.7030, -6.7556, -73.4075$, and if you desaturate by 10%, it is $212.5630, -4.2216, -46.0978$.

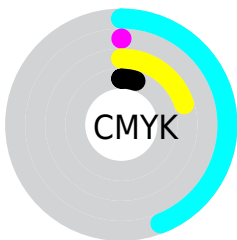
Distribution



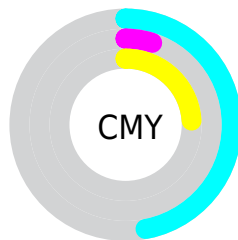
- Red (53%)
- Green (95%)
- Blue (76%)



- Red (53%)
- Yellow (80%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)





- Cyan (47%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.1330, -5.4886, -59.7526 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 204.1330, -5.4886, -59.7526 by changing the saturation by 10% instead.

 204.1330, -5.4886,
-59.7526


 204.1330, -5.4886,
-59.7526

255.0000, 0.0000,
0.0000


 175.6600, -4.7624,
-59.3378

 235.8920, 6.9552,
-37.6163


 147.4750, -4.1782,
-60.0526


 245.4320, 4.7170,
-19.6729

 119.2080, -2.5675,
-63.3264

 254.4020, 0.2948,
-1.2296

 86.4560, 1.2542,
-75.8219

 69.1590, -1.5574,
-60.6524

 51.8620, -4.3690,
-45.4830

 35.3800, -6.5963,

-31.0283

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 204.1330, -5.4886,
-59.7526

■ 204.1330, -5.4886,
-59.7526

■ 195.7030, -6.7556,
-73.4075

■ 212.5630, -4.2216,
-46.0978

■ 187.2730, -8.0226,
-87.0624

■ 220.9930, -2.9545,
-32.4429

■ 178.8430, -9.2896,
-100.7173

■ 229.4230, -1.6875,
-18.7880

■ 170.4130,
-10.5566, -114.3722

■ 237.8530, -0.4205,
-5.1331

■ 161.6840,
-11.6762, -128.6419

■ 245.9840, 0.9939,
7.9070

■ 156.4010,
-12.5227, -137.1637

■ 246.7820, 4.0515,
7.2072

Harmonies

Analogous

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



211.1690, -26.7053, -21.1962



204.1330, -5.4886, -59.7526



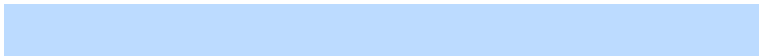
194.3620, 20.5275, -97.6645

Triad

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



204.1330, -5.4886, -59.7526



213.8350, 20.2943, -22.6573



210.4490, -20.9274, 39.0712

Complementary

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



204.1330, -5.4886, -59.7526



172.8670, 5.4886, 59.7526

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.



210.6720, -2.3033, 38.8757



204.1330, -5.4886, -59.7526



222.3720, 16.0856, 20.7218

Square

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



204.1330, -5.4886, -59.7526



200.8350, 26.7033, -71.7693



217.2210, 15.1740, 33.1322



215.2300, -35.6094, 34.8783

Rectangle

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



204.1330, -5.4886, -59.7526



189.3630, 32.3590, -112.5744



217.2210, 15.1740, 33.1322



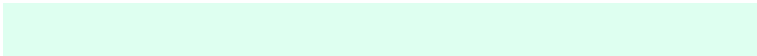
209.9420, -15.2544, 39.5159

Sweetspot

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



204.1330, -5.4886, -59.7526



243.4230, -1.6875, -18.7880



212.2860, -37.6090, -23.9298



120.5810, -1.2724, -11.9105



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.



204.1330, -5.4886, -59.7526



208.2790, -7.0395, -75.6667



207.2570, 16.6353, -62.4924



115.7280, -0.8519, -6.7775



119.4080, -9.5681, -104.7208



36.2920, -3.1020, -31.8281

Inverse Universe

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



172.8670, 5.4886, 59.7526



168.7210, 7.0395, 75.6667



169.1560, -16.3459, 63.0072



112.1580, 0.4151, 6.8774



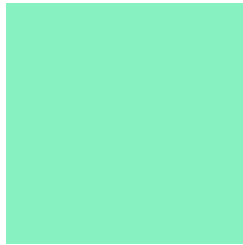
64.5920, 9.5681, 104.7208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 204.1330, -5.4886, -59.7526 looks on a white background.

Color Contrast Check

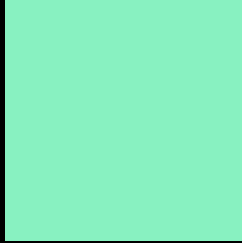
Large Text (above 18pt) WCAG AA × Fail

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 204.1330, -5.4886, -59.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

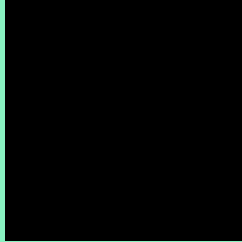
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.1330, -5.4886, -59.7526

Background



This preview shows how black text looks on a background with the YUV color 204.1330, -5.4886, -59.7526.



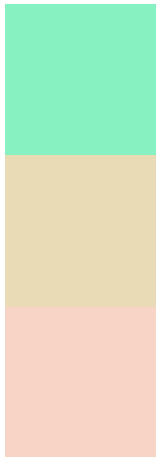
This preview shows how white text looks on a background with the YUV color 204.1330, -5.4886, -59.7526.

-59.7526.

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

204.1330, -5.4886, -59.7526

Protanopia

218.6690, -18.0778, 11.6913

Deuteranopia

221.2820, -10.9850, 23.4317



Tritanopia

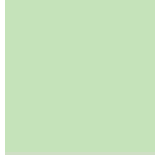
210.6480, 20.3865, -52.3113

Trichromacy



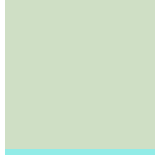
Original Color

204.1330, -5.4886, -59.7526



Protanomaly

213.3560, -13.4865, -14.3442



Deuteranomaly

215.2520, -8.9982, -7.2370



Tritanomaly

208.5200, 11.0826, -54.8300

Monochromacy



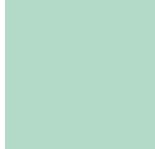
Original Color

204.1330, -5.4886, -59.7526



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.7000, -1.8241, -21.6619

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.1330, -5.4886, -59.7526 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(136, 241, 193)` looks like.

```
.text, #text, p{  
    color:rgb(136, 241, 193)  
}
```

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(136, 241, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 241, 193) }
```

Border

The CSS property to change the border of an element to YUV 204.1330, -5.4886, -59.7526 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(136, 241, 193) }
```


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

```
.border{ border-color:rgb(136, 241, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 241, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 241, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 241, 193);  
box-shadow:4px 4px 4px 4px rgb(136, 241,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 204.1330, -5.4886, -59.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 241, 193) }
```

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

```
.background{ background-color: rgb(136,  
241, 193) }
```

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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