

Converting Colors

YUV(206.2630, -2.5947,
-54.6047)

Have a look what the booklet for
YUV(206.2630, -2.5947, -54.6047)
contains.

YUV(206.2630, -2.5947, -54.6047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.2630, -2.5947,
-54.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	90EFC9
RGB	144, 239, 201
RGB Percent	56%, 94%, 79%
CMY	0.4353, 0.0627, 0.2118
CMYK	0.40, 0.00, 0.16, 0.06
HSL	156°, 75%, 75%
HSV	156°, 40%, 94%
XYZ	52.9107, 71.8793, 66.3438
YIQ	206.2630, -44.4220, -31.9580

Conversions

Conversions Part 2

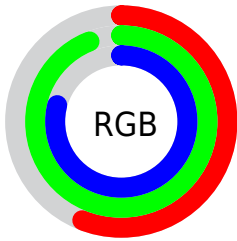
Format	Color
RYB	144, 203, 239
Decimal	9498569
CIELab	87.91, -36.58, 9.60
CIELCh	88, 37.817, 165.292
Yxy	71.8793, 0.2768, 0.3761
Android (android.graphics.Color)	4287688649 (0xFF90EFC9)
YUV	206.2630, -2.5947, -54.6047
Hunter-Lab	84.7817, -36.9693, 12.9513

Details

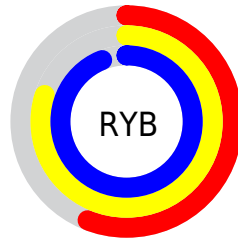
The YUV color **206.2630, -2.5947, -54.6047** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **176.7370, 2.5947, 54.6047**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8540, 7.9600, -33.1980**, and **150.4910, -1.7211, -54.8046** is the 20% darker color. If you saturate the color by 10%, you get **197.9470, -3.4249, -68.3595**, and if you desaturate by 10%, it is **214.5790, -1.7644, -40.8498**.

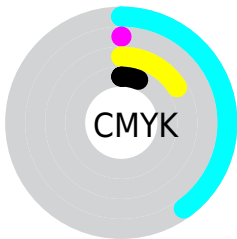
Distribution



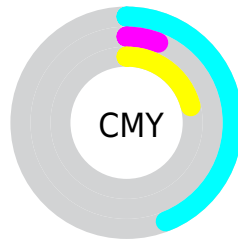
- Red (56%)
- Green (94%)
- Blue (79%)



- Red (56%)
- Yellow (80%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.2630, -2.5947, -54.6047 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 206.2630, -2.5947, -54.6047 by changing the saturation by 10% instead.

 206.2630, -2.5947,
-54.6047

 206.2630, -2.5947,
-54.6047

255.0000, 0.0000,
0.0000


 177.7900, -1.8685,
-54.1898

 238.8540, 7.9600,
-33.1980


 150.4910, -1.7211,
-54.8046

 247.5250, 3.6852,
-15.3694

 122.4200, -0.7001,
-55.6193

 94.1420, 0.9160,
-60.6375

 68.7830, 2.0790,
-60.3227

 51.4860, -0.7326,
-45.1532

 35.5910, -3.2494,

-31.2133

■ 21.0010, -8.3815,
-18.4179

■ 0.0000, 0.0000,
0.0000

■ 206.2630, -2.5947,
-54.6047

■ 206.2630, -2.5947,
-54.6047

■ 197.9470, -3.4249,
-68.3595

■ 214.5790, -1.7644,
-40.8498

■ 189.7450, -3.8183,
-82.2144

■ 222.7810, -1.3710,
-26.9949

■ 181.4290, -4.6485,
-95.9692

■ 231.0970, -0.5408,
-13.2401

■ 173.2270, -5.0419,
-109.8241

■ 239.2990, -0.1474,
0.6148

■ 165.2100, -6.0195,
-122.9642

■ 244.9240, 2.0095,
8.8367

■ 157.0080, -6.4129,
-136.8190

■ 245.6080, 4.6303,
8.2368

■ 156.5950, -6.7023,
-137.3338

Harmonies

Analogous

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



211.6510, -21.0269, -22.4959



206.2630, -2.5947, -54.6047



200.6030, 18.4367, -80.3358

Triad

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



206.2630, -2.5947, -54.6047



216.8360, 18.8149, -14.7652



213.7260, -21.0639, 36.1973

Complementary

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



206.2630, -2.5947, -54.6047



176.7370, 2.5947, 54.6047

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.



213.2650, -5.0606, 36.6016



206.2630, -2.5947, -54.6047



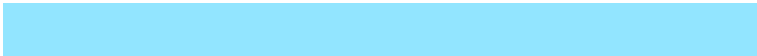
223.5570, 15.5014, 21.4365

Square

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



206.2630, -2.5947, -54.6047



207.1470, 23.5915, -53.6259



218.0700, 10.8115, 32.3876



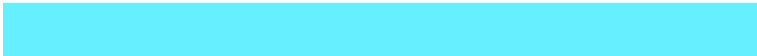
217.9030, -32.9832, 32.5341

Rectangle

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



206.2630, -2.5947, -54.6047



199.5620, 27.3309, -86.4389



218.0700, 10.8115, 32.3876



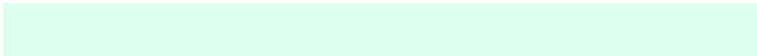
213.1050, -15.8278, 36.7419

Sweetspot

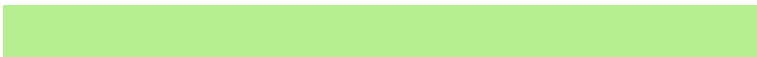
The Sweet Spot groups the original color and five complimentary colors.



206.2630, -2.5947, -54.6047



244.3630, -0.6720, -17.8584



211.1270, -33.0936, -25.5444



121.7060, -0.8411, -10.2662



0.0000, 0.0000, 0.0000



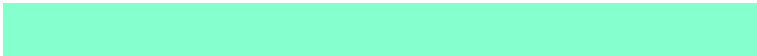
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.2630, -2.5947, -54.6047



212.9360, -3.4194, -70.1039



204.7250, 16.8976, -53.2558



115.8420, -0.4151, -6.8774



120.5480, -5.2002, -105.7206



36.7480, -1.3548, -32.2280

Inverse Universe

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



176.7370, 2.5947, 54.6047



175.0640, 3.4194, 70.1039



178.2750, -16.8976, 53.2558



112.1580, 0.4151, 6.8774



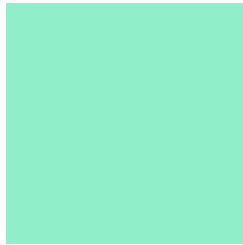
63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 206.2630, -2.5947, -54.6047 looks on a white background.

Color Contrast Check

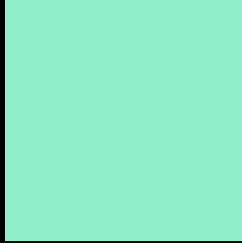
Large Text (above 18pt) WCAG AA × Fail

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 206.2630, -2.5947, -54.6047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

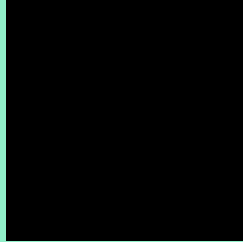
Any Text WCAG AA ✓ Pass

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 206.2630, -2.5947, -54.6047 Background



This preview shows how black text looks on a background with the YUV color 206.2630, -2.5947, -54.6047.



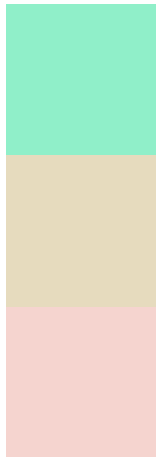
This preview shows how white text looks on a background with the YUV color 206.2630, -2.5947,

-54.6047.

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

206.2630, -2.5947, -54.6047

Protanopia

218.9830, -14.2886, 9.6619

Deuteranopia

221.2970, -7.0484, 20.7875



Tritanopia

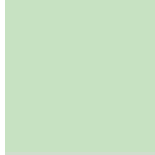
211.4420, 19.5021, -48.6226

Trichromacy



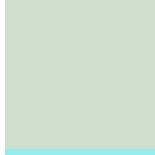
Original Color

206.2630, -2.5947, -54.6047



Protanomaly

214.2790, -9.9975, -13.3997



Deuteranomaly

215.8760, -5.3619, -6.9073



Tritanomaly

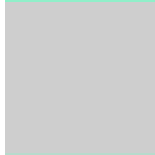
209.9550, 11.3612, -50.8265

Monochromacy



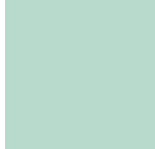
Original Color

206.2630, -2.5947, -54.6047



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.9390, -0.9559, -20.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.2630, -2.5947, -54.6047 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(144, 239, 201)` looks like.

```
.text, #text, p{  
    color:rgb(144, 239, 201)  
}
```

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(144, 239, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 239, 201) }
```

Border

The CSS property to change the border of an element to YUV 206.2630, -2.5947, -54.6047 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(144, 239, 201) }
```


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

```
.border{ border-color:rgb(144, 239, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 239, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 239, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 239, 201);  
box-shadow:4px 4px 4px 4px rgb(144, 239,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 206.2630, -2.5947, -54.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 239, 201) }
```

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

```
.background{ background-color: rgb(144,  
239, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor