

# Converting Colors

YUV(204.0130, 23.1646,  
-103.4974)

Have a look what the booklet for  
YUV(204.0130, 23.1646, -103.4974)  
contains.

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# Color

**YUV(204.0130, 23.1646,  
-103.4974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56FFFB
RGB	86, 255, 251
RGB Percent	34%, 100%, 98%
CMY	0.6627, 0.0000, 0.0157
CMYK	0.66, 0.00, 0.02, 0.00
HSL	179°, 100%, 67%
HSV	179°, 66%, 100%
XYZ	57.0103, 80.4635, 103.7930
YIQ	204.0130, -99.4400, -37.0720

# Conversions

## Conversions Part 2

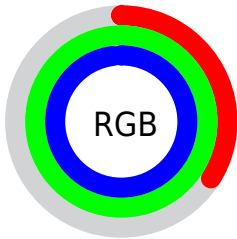
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 172, 255
Decimal	5701627
CIELab	91.89, -43.38, -10.81
CIELCh	92, 44.708, 193.995
Yxy	80.4635, 0.2363, 0.3335
Android (android.graphics.Color)	4283891707 (0xFF56FFFB)
YUV	204.0130, 23.1646, -103.4974
Hunter-Lab	89.7014, -43.5306, -5.8131

# Details

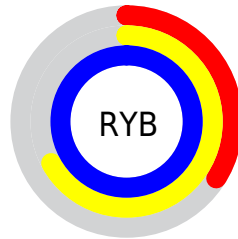
The YUV color **204.0130, 23.1646, -103.4974** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **136.9870, -23.1646, 103.4974**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **138.4560, 27.8762, -121.4259** is the 20% darker color. If you saturate the color by 10%, you get **196.4240, 26.4130, -118.7668**, and if you desaturate by 10%, it is **211.9010, 19.7688, -87.6132**.

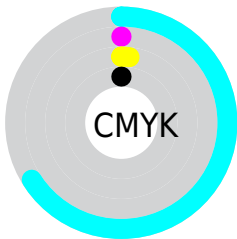
# Distribution



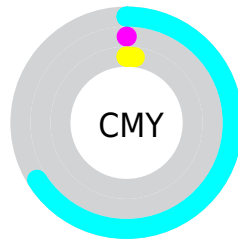
- Red (34%)
- Green (100%)
- Blue (98%)



- Red (34%)
- Yellow (67%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.0130, 23.1646, -103.4974 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 204.0130, 23.1646, -103.4974 by changing the saturation by 10% instead.



204.0130, 23.1646,  
-103.4974

204.0130, 23.1646,  
-103.4974

255.0000, 0.0000,  
0.0000

169.6310, 25.8179,  
-114.5634

225.1000, 14.7407,  
-61.4777

138.4560, 27.8762,  
-121.4259

234.6680, 10.0237,  
-41.8048

118.8280, 23.7488,  
-104.2122

244.2360, 5.3067,  
-22.1320

100.0150, 20.2056,  
-87.7132

253.5050, 0.7370,  
-3.0739

81.9030, 16.8098,  
-71.8289

63.7910, 13.4140,  
-55.9447

46.4940, 10.6025,

-40.7752

■ 30.9580, 6.9227,  
-27.1502

■ 11.0680, 6.8685,  
-9.7066

■ 204.0130, 23.1646,  
-103.4974

■ 204.0130, 23.1646,  
-103.4974

■ 196.4240, 26.4130,  
-118.7668

■ 211.9010, 19.7688,  
-87.6132

■ 188.6500, 30.2455,  
-134.7510

■ 219.3760, 16.0836,  
-72.2438

■ 181.0610, 33.4939,  
-150.0205

■ 227.2640, 12.6878,  
-56.3595

■ 178.0710, 34.9680,  
-156.1683

■ 234.7390, 9.0027,  
-40.9901

■ 242.6270, 5.6069,  
-25.1059

■ 250.2160, 2.3585,  
-9.8364

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



213.9690, -3.4357, -64.8708



204.0130, 23.1646, -103.4974



199.1200, 27.5488, -109.7302

# Triad

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



204.0130, 23.1646, -103.4974



230.3460, 12.1544, 21.6216



223.0720, -36.0245, 28.0009

# Complementary

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



204.0130, 23.1646, -103.4974



136.9870, -23.1646, 103.4974

# 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.



217.5900, -21.4899, 32.8086



204.0130, 23.1646, -103.4974



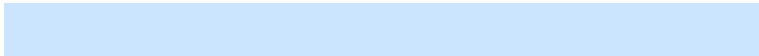
223.8890, 15.3377, 27.2843

# Square

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



204.0130, 23.1646, -103.4974



224.1900, 15.1893, -18.5836



217.3400, -2.1396, 33.0278



227.3490, -39.6121, 11.9719



# Rectangle

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



204.0130, 23.1646, -103.4974



206.3620, 23.9785, -84.5095



217.3400, -2.1396, 33.0278



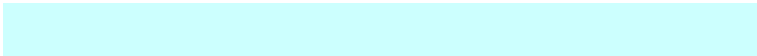
220.8210, -31.9568, 29.9750

# Sweetspot

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



204.0130, 23.1646, -103.4974



239.6370, 7.0810, -31.2536



186.9970, -49.7915, -83.3124



118.6170, 4.1328, -18.9581



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.



204.0130, 23.1646, -103.4974



193.4340, 27.8870, -124.9146



158.0960, 47.7737, -63.2282



123.9990, 1.4795, -7.8921



133.4350, 26.4075, -117.0225



44.6360, 8.5605, -39.1458



# Inverse Universe

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



136.9870, -23.1646, 103.4974



112.5660, -27.8870, 124.9146



182.9040, -47.7737, 63.2282



118.8870, -1.9163, 7.9921



57.6790, -25.9707, 116.9225

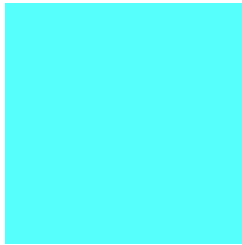


19.3640, -8.5605, 39.1458



# Previews

## White Background



This preview shows how the YUV color 204.0130, 23.1646, -103.4974 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

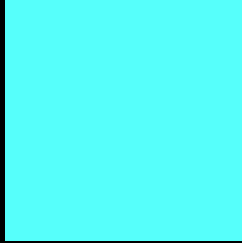
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.0130, 23.1646, -103.4974 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

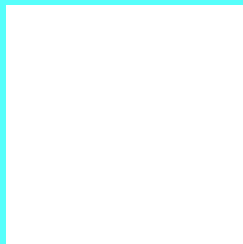
Any Text WCAG AAA ✓ Pass

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

# YUV 204.0130, 23.1646, -103.4974 Background



This preview shows how black text looks on a background with the YUV color 204.0130, 23.1646, -103.4974.



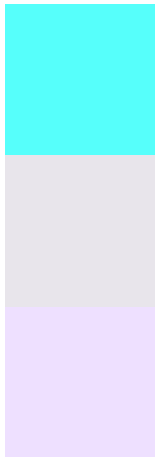
This preview shows how white text looks on a background with the YUV color 204.0130, 23.1646, -103.4974.



# 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

204.0130, 23.1646, -103.4974

### Protanopia

230.5810, 2.1786, 1.2445

### Deuteranopia

231.7200, 11.4770, 5.5076



## Tritanopia

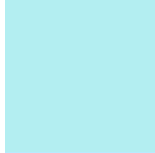
222.5410, 16.0023, -46.0785

# Trichromacy



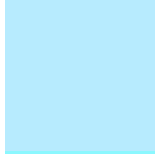
## Original Color

204.0130, 23.1646, -103.4974



## Protanomaly

220.7010, 10.0074, -36.5718



## Deuteranomaly

221.6180, 15.9643, -33.8680



## Tritanomaly

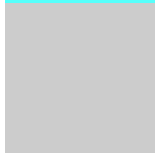
215.5060, 18.9775, -67.0958

# Monochromacy



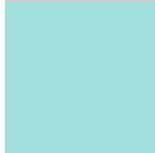
## Original Color

204.0130, 23.1646, -103.4974



## Achromatopsia

204.0000, 0.0000, 0.0000



## Achromatomaly

204.2340, 8.2656, -37.9162

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.0130, 23.1646, -103.4974 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(86, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(86, 255, 251)  
}
```

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(86, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 255, 251) }
```

## Border

The CSS property to change the border of an element to YUV 204.0130, 23.1646, -103.4974 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(86, 255, 251) }
```



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

```
.border{ border-color:rgb(86, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(86, 255,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 204.0130, 23.1646, -103.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 255, 251) }
```

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

```
.background{ background-color: rgb(86, 255,  
251) }
```

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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