

Converting Colors

YUV(187.9760, 2.4768,
-94.6950)

Have a look what the booklet for
YUV(187.9760, 2.4768, -94.6950)
contains.

YUV(187.9760, 2.4768, -94.6950)	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(187.9760, 2.4768,
-94.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	50F2C1
RGB	80, 242, 193
RGB Percent	31%, 95%, 76%
CMY	0.6863, 0.0510, 0.2431
CMYK	0.67, 0.00, 0.20, 0.05
HSL	162°, 86%, 63%
HSV	162°, 67%, 95%
XYZ	44.6860, 69.0600, 61.4268
YIQ	187.9760, -80.8230, -49.5830

Conversions

Conversions Part 2

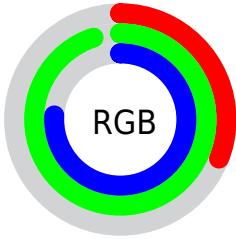
Format	Color
RYB	80, 175, 242
Decimal	5305025
CIELab	86.53, -53.17, 11.52
CIELCh	87, 54.401, 167.770
Yxy	69.0600, 0.2551, 0.3942
Android (android.graphics.Color)	4283495105 (0xFF50F2C1)
YUV	187.9760, 2.4768, -94.6950
Hunter-Lab	83.1023, -49.4456, 14.3462

Details

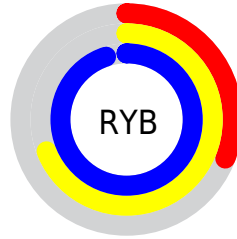
The YUV color **187.9760, 2.4768, -94.6950** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **134.0240, -2.4768, 94.6950**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7250, 13.4466, -66.4108**, and **124.4410, 7.1776, -109.1348** is the 20% darker color. If you saturate the color by 10%, you get **180.0020, 2.9570, -108.7498**, and if you desaturate by 10%, it is **195.9500, 1.9966, -80.6402**.

Distribution



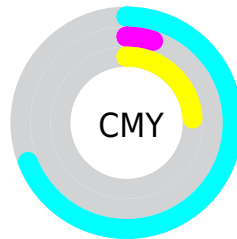
- Red (31%)
- Green (95%)
- Blue (76%)



- Red (31%)
- Yellow (69%)
- Blue (95%)



- Cyan (67%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)




- Cyan (69%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.9760, 2.4768, -94.6950 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 187.9760, 2.4768, -94.6950 by changing the saturation by 10% instead.

 187.9760, 2.4768,
-94.6950


 187.9760, 2.4768,
-94.6950


255.0000, 0.0000,
0.0000

 154.7190, 5.5615,
-104.1166

 221.7250, 13.4466,
-66.4108


 124.4410, 7.1776,
-109.1348


 231.6780, 11.4977,
-47.9526


 105.1550, 4.3606,
-92.2209

 240.9470, 6.9281,
-28.8945

 86.4560, 1.2542,
-75.8219

 250.2160, 2.3585,
-9.8364

 68.5720, -1.2680,
-60.1376

 51.3890, -3.6428,
-45.0682

 34.9070, -5.8702,

-30.6134

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 187.9760, 2.4768,
-94.6950

■ 187.9760, 2.4768,
-94.6950

■ 180.0020, 2.9570,
-108.7498

■ 195.9500, 1.9966,
-80.6402

■ 171.9140, 3.0004,
-122.7046

■ 204.0380, 1.9533,
-66.6853

■ 163.6410, 3.6280,
-137.3742


■ 212.3110, 1.3257,
-52.0157


■ 161.3200, 3.7862,
-141.4776

■ 220.2850, 0.8455,
-37.9609

 228.3730, 0.8021,
-24.0061

 236.3470, 0.3219,
-9.9513

 244.3210, -0.1583,
4.1035

 247.0270, 2.4517,
6.9923

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



202.0160, -28.1089, -37.7250



187.9760, 2.4768, -94.6950



170.6850, 37.1303, -149.6907

Triad

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



187.9760, 2.4768, -94.6950



209.1390, 22.6095, -18.5389



202.7890, -29.9690, 45.7890

Complementary

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



187.9760, 2.4768, -94.6950



134.0240, -2.4768, 94.6950

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.



200.9890, -6.4036, 47.3676



187.9760, 2.4768, -94.6950



218.0190, 18.2316, 32.4323

Square

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



187.9760, 2.4768, -94.6950



186.5270, 33.7572, -94.3012



207.5040, 16.0205, 41.6540



210.2770, -46.9716, 39.2221

Rectangle

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



187.9760, 2.4768, -94.6950



170.5370, 41.6403, -149.5609



207.5040, 16.0205, 41.6540



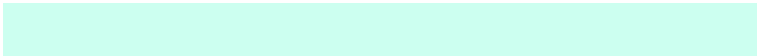
201.4500, -22.4068, 46.9634

Sweetspot

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



187.9760, 2.4768, -94.6950



238.0410, 0.9658, -29.8540



190.3430, -54.3991, -52.0438



117.5910, 0.2016, -18.0583



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.



187.9760, 2.4768, -94.6950



186.9360, 2.9896, -119.2159



175.9520, 32.5617, -84.1499



115.9560, 0.0217, -6.9774



122.6000, 2.6622, -107.5202



37.3180, 0.8292, -32.7279

Inverse Universe

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



134.0240, -2.4768, 94.6950



119.0640, -2.9896, 119.2159



146.0480, -32.5617, 84.1499



111.9300, -0.4585, 7.0774



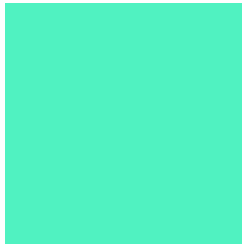
61.4000, -2.6622, 107.5202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 187.9760, 2.4768, -94.6950 looks on a white background.

Color Contrast Check

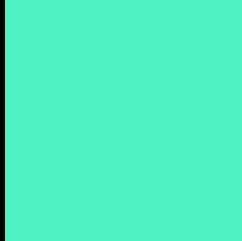
Large Text (above 18pt) WCAG AA × Fail

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 187.9760, 2.4768, -94.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

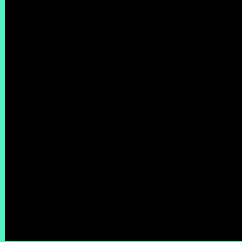
Any Text WCAG AA ✓ Pass

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 187.9760, 2.4768, -94.6950 Background



This preview shows how black text looks on a background with the YUV color 187.9760, 2.4768, -94.6950.



This preview shows how white text looks on a background with the YUV color 187.9760, 2.4768, -94.6950.

-94.6950.

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

187.9760, 2.4768, -94.6950

Protanopia

213.8970, -17.2042, 11.4913

Deuteranopia

216.4820, -7.6326, 21.5023



Tritanopia

197.5950, 27.3147, -81.2058

Trichromacy



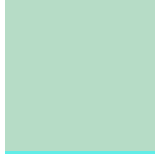
Original Color

187.9760, 2.4768, -94.6950



Protanomaly

204.4900, -10.1016, -26.7397



Deuteranomaly

206.1300, -4.0081, -21.1620



Tritanomaly

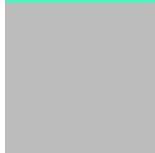
194.1570, 18.1636, -86.0837

Monochromacy



Original Color

187.9760, 2.4768, -94.6950



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.3070, 0.8346, -34.4722

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9760, 2.4768, -94.6950 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(80, 242, 193)` looks like.

```
.text, #text, p{  
    color:rgb(80, 242, 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(80, 242, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 242, 193) }
```

Border

The CSS property to change the border of an element to YUV 187.9760, 2.4768, -94.6950 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(80, 242, 193) }
```


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

```
.border{ border-color:rgb(80, 242, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 242, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 242, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 242, 193);  
box-shadow:4px 4px 4px 4px rgb(80, 242,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 187.9760, 2.4768, -94.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 242, 193) }
```

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

```
.background{ background-color: rgb(80, 242,  
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](#).

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