

Converting Colors

YUV(189.7940, 8.4826,
-107.6903)

Have a look what the booklet for
YUV(189.7940, 8.4826, -107.6903)
contains.

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Color

**YUV(189.7940, 8.4826,
-107.6903)**

Conversions

Conversions Part 1

Format	Color
Hex	43F9CF
RGB	67, 249, 207
RGB Percent	26%, 98%, 81%
CMY	0.7373, 0.0235, 0.1882
CMYK	0.73, 0.00, 0.17, 0.02
HSL	166°, 94%, 62%
HSV	166°, 73%, 98%
XYZ	47.4529, 73.4496, 70.7077
YIQ	189.7940, -94.9900, -51.6460

Conversions

Conversions Part 2

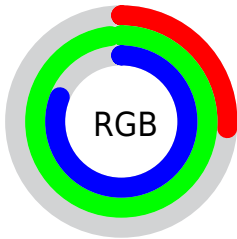
Format	Color
RYB	67, 170, 249
Decimal	4454863
CIELab	88.66, -54.47, 7.26
CIELCh	89, 54.956, 172.411
Yxy	73.4496, 0.2477, 0.3833
Android (android.graphics.Color)	4282644943 (0xFF43F9CF)
YUV	189.7940, 8.4826, -107.6903
Hunter-Lab	85.7028, -51.1459, 11.0757

Details

The YUV color **189.7940, 8.4826, -107.6903** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **126.2060, -8.4826, 107.6903**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **129.5590, 11.5564, -113.6232** is the 20% darker color. If you saturate the color by 10%, you get **181.6350, 9.5469, -122.4599**, and if you desaturate by 10%, it is **197.9530, 7.4182, -92.9208**.

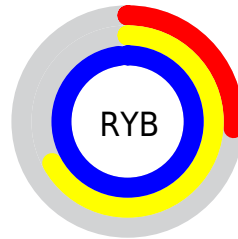
Distribution



Red (26%)

Green (98%)

Blue (81%)



Red (26%)

Yellow (67%)

Blue (98%)

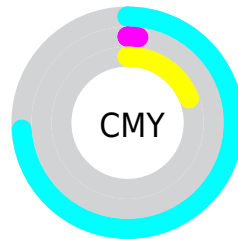


Cyan (73%)

Magenta (0%)

Yellow (17%)

Black (2%)



Cyan (74%)

Magenta (2%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7940, 8.4826, -107.6903 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 189.7940, 8.4826, -107.6903 by changing the saturation by 10% instead.

 189.7940, 8.4826,
-107.6903


 189.7940, 8.4826,
-107.6903

255.0000, 0.0000,
0.0000

 149.5460, 14.5208,
-131.1518

 220.3160, 17.0992,
-71.3141

 129.5590, 11.5564,
-113.6232


 229.8840, 12.3822,
-51.6413


 110.7460, 8.0132,
-97.1242

 239.4520, 7.6652,
-31.9684

 92.0470, 4.9068,
-80.7252

 248.7210, 3.0955,
-12.9103

 73.4620, 2.2372,
-64.4262

 55.5780, -0.2850,
-48.7419

 39.0960, -2.5123,

-34.2872

■ 23.0870, -5.4659,
-20.2473

■ 0.0000, 0.0000,
0.0000

■ 189.7940, 8.4826,
-107.6903

■ 189.7940, 8.4826,
-107.6903

■ 181.6350, 9.5469,
-122.4599

■ 197.9530, 7.4182,
-92.9208

■ 173.5900, 11.0481,
-137.3294

■ 205.9980, 5.9170,
-78.0512

■ 168.0510, 11.8069,
-147.3807

■ 214.1570, 4.8526,
-63.2817

■ 222.3160, 3.7882,
-48.5121

■ 230.4750, 2.7238,
-33.7426

■ 238.2210, 1.3700,
-19.4878

■ 246.3800, 0.3057,
-4.7183

■ 251.2500, 0.8628,
3.2888

■ 251.4780, 1.7363,
3.0888

Harmonies

Analogous

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



206.5850, -24.4454, -46.1170



189.7940, 8.4826, -107.6903



175.2330, 39.3251, -153.6793

Triad

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



189.7940, 8.4826, -107.6903



216.5810, 18.9406, -8.4025



207.3710, -32.7209, 41.7706

Complementary

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



189.7940, 8.4826, -107.6903



126.2060, -8.4826, 107.6903

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.



204.1690, -9.4503, 44.5788



189.7940, 8.4826, -107.6903



219.1930, 17.6529, 31.4027

Square

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



189.7940, 8.4826, -107.6903



197.2470, 28.4722, -79.1466



209.6240, 13.9894, 39.7948



215.7880, -48.7025, 34.3889

Rectangle

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



189.7940, 8.4826, -107.6903



174.0590, 39.9039, -152.6497



209.6240, 13.9894, 39.7948



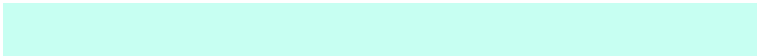
205.9180, -25.5956, 43.0449

Sweetspot

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



189.7940, 8.4826, -107.6903



236.7740, 2.5764, -33.1278



186.3920, -58.8603, -67.8728



116.9220, 1.5175, -20.1026



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.



189.7940, 8.4826, -107.6903



182.0960, 10.3057, -132.5112



165.8190, 41.0082, -86.6643



120.7710, 0.6059, -7.6922



127.4730, 8.6408, -111.7938



41.1650, 2.8767, -36.1017

Inverse Universe

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



126.2060, -8.4826, 107.6903



103.7900, -10.7425, 132.6112



150.1810, -41.0082, 86.6643



116.2290, -0.6059, 7.6922



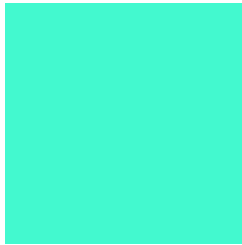
61.5270, -8.6408, 111.7938



19.8350, -2.8767, 36.1017

Previews

White Background



This preview shows how the YUV color 189.7940, 8.4826, -107.6903 looks on a white background.

Color Contrast Check

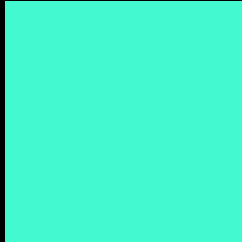
Large Text (above 18pt) WCAG AA × Fail

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 189.7940, 8.4826, -107.6903 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 189.7940, 8.4826, -107.6903

Background



This preview shows how black text looks on a background with the YUV color 189.7940, 8.4826, -107.6903.



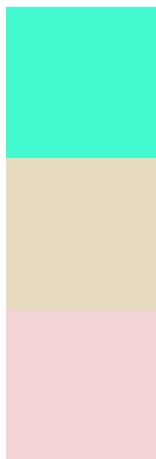
This preview shows how white text looks on a background with the YUV color 189.7940, 8.4826, -107.6903.

-107.6903.

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

189.7940, 8.4826, -107.6903

Protanopia

220.0970, -13.8518, 9.5619

Deuteranopia

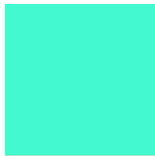
222.4970, -3.6960, 18.8581



Tritanopia

206.7490, 23.7877, -69.9399

Trichromacy



Original Color

189.7940, 8.4826, -107.6903



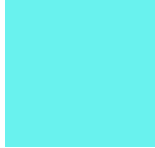
Protanomaly

209.1840, -6.0067, -33.4874



Deuteranomaly

210.6500, 0.6655, -26.8801



Tritanomaly

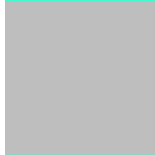
200.5810, 18.4476, -83.8245

Monochromacy



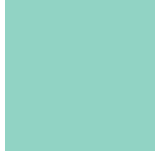
Original Color

189.7940, 8.4826, -107.6903



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.5560, 3.1769, -39.0756

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7940, 8.4826, -107.6903 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(67, 249, 207)` looks like.

```
.text, #text, p{  
    color:rgb(67, 249, 207)  
}
```

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(67, 249, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 249, 207) }
```

Border

The CSS property to change the border of an element to YUV 189.7940, 8.4826, -107.6903 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(67, 249, 207) }
```


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

```
.border{ border-color:rgb(67, 249, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 249, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 249, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 249, 207);  
box-shadow:4px 4px 4px 4px rgb(67, 249,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 189.7940, 8.4826, -107.6903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 249, 207) }
```

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

```
.background{ background-color: rgb(67, 249,  
207) }
```

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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