

Converting Colors

YUV(196.8580, -11.7620,
-54.2495)

Have a look what the booklet for
YUV(196.8580, -11.7620, -54.2495)
contains.

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Color

**YUV(196.8580, -11.7620,
-54.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	87E9AD
RGB	135, 233, 173
RGB Percent	53%, 91%, 68%
CMY	0.4706, 0.0863, 0.3216
CMYK	0.42, 0.00, 0.26, 0.09
HSL	143°, 69%, 72%
HSV	143°, 42%, 91%
XYZ	46.6734, 66.4459, 49.9005
YIQ	196.8580, -39.1480, -39.4360

Conversions

Conversions Part 2

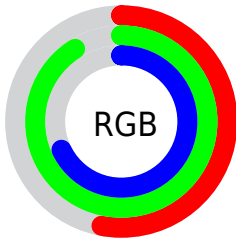
Format	Color
RYB	135, 206, 233
Decimal	8907181
CIELab	85.22, -41.84, 20.33
CIELCh	85, 46.513, 154.089
Yxy	66.4459, 0.2863, 0.4076
Android (android.graphics.Color)	4287097261 (0xFF87E9AD)
YUV	196.8580, -11.7620, -54.2495
Hunter-Lab	81.5143, -40.4447, 20.7645

Details

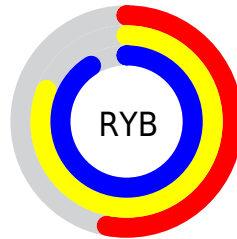
The YUV color **196.8580, -11.7620, -54.2495** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **171.1420, 11.7620, 54.2495**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1990, -2.0701, -36.1315**, and **141.2000, -10.4516, -54.5494** is the 20% darker color. If you saturate the color by 10%, you get **188.3850, -14.4868, -66.9896**, and if you desaturate by 10%, it is **205.3310, -9.0372, -41.5093**.

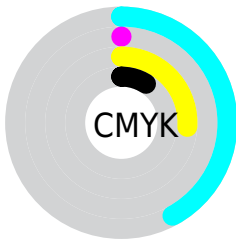
Distribution



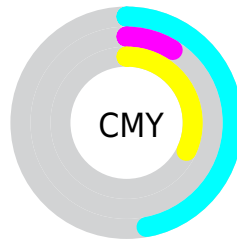
- Red (53%)
- Green (91%)
- Blue (68%)



- Red (53%)
- Yellow (81%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.8580, -11.7620, -54.2495 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 196.8580, -11.7620, -54.2495 by changing the saturation by 10% instead.

■ 196.8580,
-11.7620, -54.2495

■ 196.8580,
-11.7620, -54.2495

255.0000, 0.0000,
0.0000

■ 168.9720,
-11.3252, -54.3494

■ 233.1990, -2.0701,
-36.1315

■ 141.2000,
-10.4516, -54.5494

■ 244.8340, 5.0118,
-20.9024

■ 113.5310, -9.1358,
-56.5937

■ 253.8040, 0.5896,
-2.4591

■ 82.0890, -5.4669,
-66.7301

■ 62.9980, -7.3940,
-55.2492

■ 45.9290, -9.3320,
-40.2797

■ 28.9910, -13.3066,

-25.4251

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 196.8580,
-11.7620, -54.2495

■ 196.8580,
-11.7620, -54.2495

■ 188.3850,
-14.4868, -66.9896

■ 205.3310, -9.0372,
-41.5093

■ 179.4990,
-17.5010, -80.2446

■ 214.2170, -6.0230,
-28.2543

■ 171.0260,
-20.2258, -92.9848

■ 222.6900, -3.2982,
-15.5141

■ 162.5530,
-22.9506, -105.7250

■ 231.1630, -0.5734,
-2.7740

■ 154.0800,
-25.6754, -118.4652

■ 239.9350, 2.0040,
10.5810

■ 147.0310,
-28.1163, -128.9462

■ 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



204.3180, -32.6948, -13.4339



196.8580, -11.7620, -54.2495



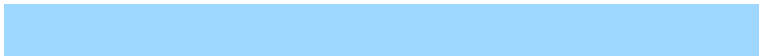
183.7160, 16.9020, -101.4829

Triad

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



196.8580, -11.7620, -54.2495



202.5170, 25.8741, -39.0414



202.5900, -18.0389, 45.9636

Complementary

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



196.8580, -11.7620, -54.2495



171.1420, 11.7620, 54.2495

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.



204.4430, 1.7536, 44.3385



196.8580, -11.7620, -54.2495



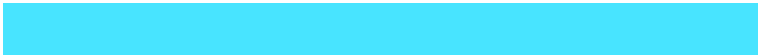
213.4570, 20.4807, 11.0002

Square

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



196.8580, -11.7620, -54.2495



184.4340, 34.7890, -98.6046



213.5680, 18.9470, 36.3359



207.2740, -35.6311, 41.8557

Rectangle

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



196.8580, -11.7620, -54.2495



166.6900, 39.5928, -146.1871



213.5680, 18.9470, 36.3359



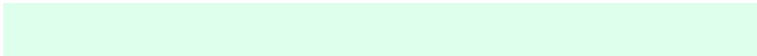
202.3110, -11.4923, 46.2083

Sweetspot

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



196.8580, -11.7620, -54.2495



242.8530, -3.8715, -18.2881



210.4660, -37.2047, -13.5637



120.2390, -2.5828, -11.6106



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.



196.8580, -11.7620, -54.2495



208.1350, -15.3496, -70.2784



202.4440, 9.6411, -59.1484



112.9130, -1.4361, -6.0627



114.2270, -21.8039, -100.1771



34.0920, -6.4544, -29.8987

Inverse Universe

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



171.1420, 11.7620, 54.2495



174.8650, 15.3496, 70.2784



165.5560, -9.6411, 59.1484



110.0870, 1.4361, 6.0627



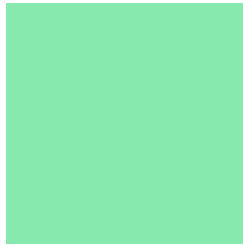
66.7730, 21.8039, 100.1771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 196.8580, -11.7620, -54.2495 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 196.8580, -11.7620, -54.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

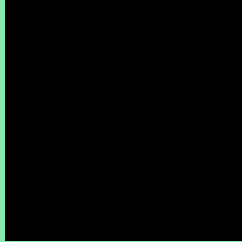
Any Text WCAG AA ✓ Pass

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 196.8580, -11.7620, -54.2495 Background



This preview shows how black text looks on a background with the YUV color 196.8580, -11.7620, -54.2495.



This preview shows how white text looks on a background with the YUV color 196.8580, -11.7620, -54.2495.

-54.2495.

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

196.8580, -11.7620, -54.2495

Protanopia

210.0130, -23.1774, 14.0206

Deuteranopia

213.1100, -16.8162, 27.0905



Tritanopia

204.2250, 18.6231, -46.6783

Trichromacy



Original Color

196.8580, -11.7620, -54.2495



Protanomaly

205.2980, -18.8809, -10.7853



Deuteranomaly

207.3790, -14.9768, -2.9634



Tritanomaly

201.3420, 7.7194, -49.4119

Monochromacy



Original Color

196.8580, -11.7620, -54.2495



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.7280, -4.3029, -19.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.8580, -11.7620, -54.2495 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(135, 233, 173)` looks like.

```
.text, #text, p{  
    color:rgb(135, 233, 173)  
}
```

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(135, 233, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 233, 173) }
```

Border

The CSS property to change the border of an element to YUV 196.8580, -11.7620, -54.2495 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(135, 233, 173) }
```


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

```
.border{ border-color:rgb(135, 233, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 233, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 233, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 233, 173);  
box-shadow:4px 4px 4px 4px rgb(135, 233,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 196.8580, -11.7620, -54.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 233, 173) }
```

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

```
.background{ background-color: rgb(135,  
233, 173) }
```

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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