

Converting Colors

YUV(189.6710, -18.0788,
-34.7915)

Have a look what the booklet for
YUV(189.6710, -18.0788, -34.7915)
contains.

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Color

**YUV(189.6710, -18.0788,
-34.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	96D999
RGB	150, 217, 153
RGB Percent	59%, 85%, 60%
CMY	0.4118, 0.1490, 0.4000
CMYK	0.31, 0.00, 0.29, 0.15
HSL	123°, 47%, 72%
HSV	123°, 31%, 85%
XYZ	43.1403, 58.4096, 39.1374
YIQ	189.6710, -19.3880, -34.1080

Conversions

Conversions Part 2

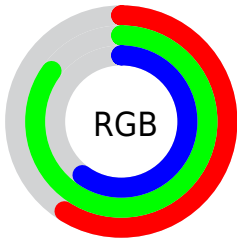
Format	Color
RYB	150, 214, 217
Decimal	9886105
CIELab	80.97, -33.70, 24.98
CIElCh	81, 41.951, 143.455
Yxy	58.4096, 0.3066, 0.4152
Android (android.graphics.Color)	4288076185 (0xFF96D999)
YUV	189.6710, -18.0788, -34.7915
Hunter-Lab	76.4262, -32.9880, 23.1363

Details

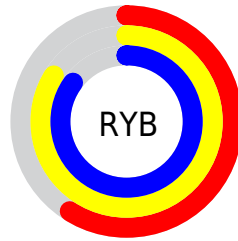
The YUV color **189.6710, -18.0788, -34.7915** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177.3290, 18.0788, 34.7915**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9910, -13.3066, -25.4251**, and **135.6110, -17.0632, -33.8618** is the 20% darker color. If you saturate the color by 10%, you get **180.6990, -24.0086, -46.2170**, and if you desaturate by 10%, it is **198.6430, -12.1490, -23.3659**.

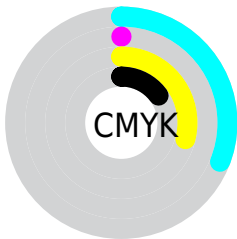
Distribution



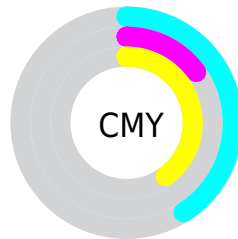
- Red (59%)
- Green (85%)
- Blue (60%)



- Red (59%)
- Yellow (84%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6710, -18.0788, -34.7915 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 189.6710, -18.0788, -34.7915 by changing the saturation by 10% instead.

■ 189.6710,
-18.0788, -34.7915

■ 189.6710,
-18.0788, -34.7915

255.0000, 0.0000,
0.0000

■ 162.1980,
-17.3526, -34.3766

■ 234.9910,
-13.3066, -25.4251

■ 135.6110,
-17.0632, -33.8618

■ 246.8540, -5.3510,
-10.3960

■ 109.2520,
-15.9002, -33.5470

■ 83.2950, -14.4424,
-34.4617

■ 57.6150, -13.1212,
-38.2504

■ 36.7190, -14.1585,
-32.2026

■ 22.8930, -11.2862,

-20.0772

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 189.6710,
-18.0788, -34.7915

■ 189.6710,
-18.0788, -34.7915

■ 180.6990,
-24.0086, -46.2170

■ 198.6430,
-12.1490, -23.3659

■ 172.1400,
-29.6490, -57.1278

■ 207.2020, -6.5086,
-12.4552

■ 163.1680,
-35.5788, -68.5533

■ 216.1740, -0.5788,
-1.0296

■ 154.1960,
-41.5086, -79.9789

■ 225.1460, 5.3510,
10.3960

■ 145.5230,
-47.5858, -90.7897

■ 232.6940, 10.9969,
19.5624

■ 136.6650,
-53.0788, -102.3152

■ 128.5190,
-58.4299, -112.7112

Harmonies

Analogous

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



195.2920, -33.1750, 0.6209



189.6710, -18.0788, -34.7915



181.6890, 4.5903, -72.5183

Triad

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



189.6710, -18.0788, -34.7915



190.0360, 32.0273, -52.6516



196.8170, -12.2348, 51.0265

Complementary

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



189.6710, -18.0788, -34.7915



177.3290, 18.0788, 34.7915

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.



200.6760, 5.0897, 47.6421



189.6710, -18.0788, -34.7915



200.6550, 26.7921, -6.7134

Square

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



189.6710, -18.0788, -34.7915



174.6880, 39.5938, -99.7044



206.2900, 20.5630, 31.3177



198.9250, -29.5430, 49.1778

Rectangle

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



189.6710, -18.0788, -34.7915



173.7040, 21.8379, -97.9644



206.2900, 20.5630, 31.3177



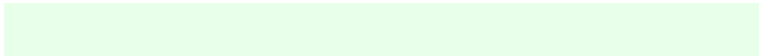
197.7120, -6.2670, 50.2416

Sweetspot

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



189.6710, -18.0788, -34.7915



245.6150, -6.2192, -11.9404



208.7640, -28.9707, 5.4690



121.9190, -3.9041, -7.8220



0.0000, 0.0000, 0.0000



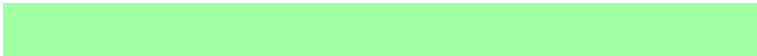
128.0000, 0.0000, 0.0000

Same Dimension

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



189.6710, -18.0788, -34.7915



216.6340, -25.4556, -48.7910



193.4330, -3.6645, -38.0907



105.4570, -3.1833, -5.6628



102.4630, -46.5703, -89.8601



27.2300, -12.4384, -23.8807

Inverse Universe

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



177.3290, 18.0788, 34.7915



199.3660, 25.4556, 48.7910



173.5670, 3.6645, 38.0907



103.4290, 2.7465, 5.7628



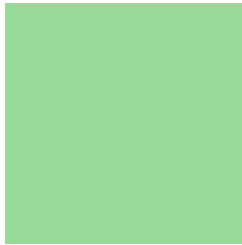
70.6510, 47.0071, 89.7601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 189.6710, -18.0788, -34.7915 looks on a white background.

Color Contrast Check

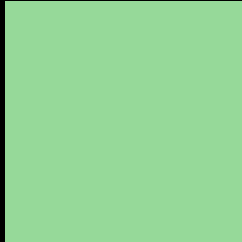
Large Text (above 18pt) WCAG AA × Fail

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 189.6710, -18.0788, -34.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

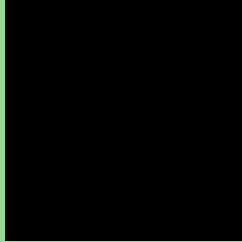
Any Text WCAG AA ✓ Pass

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 189.6710, -18.0788, -34.7915 Background



This preview shows how black text looks on a background with the YUV color 189.6710, -18.0788, -34.7915.



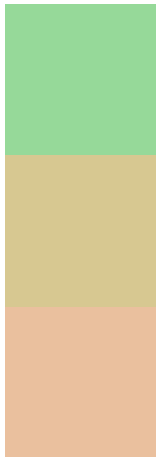
This preview shows how white text looks on a background with the YUV color 189.6710, -18.0788, -34.7915.

-34.7915.

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

189.6710, -18.0788, -34.7915

Protanopia

198.2150, -26.2350, 14.7204

Deuteranopia

200.6820, -21.0422, 29.2199



Tritanopia

196.3690, 13.6221, -29.2646

Trichromacy



Original Color

189.6710, -18.0788, -34.7915

Protanomaly

194.9030, -23.1232, -3.4229

Deuteranomaly

196.4680, -19.9507, 5.7286

Tritanomaly

193.6710, 2.1342, -31.2835

Monochromacy



Original Color

189.6710, -18.0788, -34.7915

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9030, -6.3612, -13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6710, -18.0788, -34.7915 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(150, 217, 153)` looks like.

```
.text, #text, p{  
    color:rgb(150, 217, 153)  
}
```

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(150, 217, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 217, 153) }
```

Border

The CSS property to change the border of an element to YUV 189.6710, -18.0788, -34.7915 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(150, 217, 153) }
```


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

```
.border{ border-color:rgb(150, 217, 153) }
```

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

Here you see how a box with a 4 pixel rgb(150, 217, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 217, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 217, 153);  
box-shadow:4px 4px 4px 4px rgb(150, 217,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 189.6710, -18.0788, -34.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 217, 153) }
```

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

```
.background{ background-color: rgb(150,  
217, 153) }
```

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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