

Converting Colors

YUV(186.2810, -9.5055,
15.5396)

Have a look what the booklet for
YUV(186.2810, -9.5055, 15.5396)
contains.

YUV(186.2810, -9.5055, 15.5396)	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(186.2810, -9.5055,
15.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB5A7
RGB	204, 181, 167
RGB Percent	80%, 71%, 65%
CMY	0.2000, 0.2902, 0.3451
CMYK	0.00, 0.11, 0.18, 0.20
HSL	23°, 27%, 73%
HSV	23°, 18%, 80%
XYZ	48.4008, 48.6751, 43.4035
YIQ	186.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

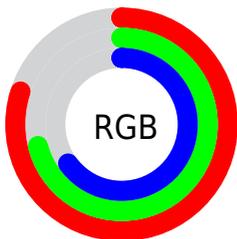
Format	Color
R_YB	204, 190, 167
Decimal	13415847
CIE _{Lab}	75.25, 5.96, 10.13
CIE _{LCh}	75, 11.758, 59.523
Yxy	48.6751, 0.3445, 0.3465
Android (android.graphics.Color)	4291605927 (0xFFCCB5A7)
YUV	186.2810, -9.5055, 15.5396
Hunter-Lab	69.7676, 1.7399, 11.9521

Details

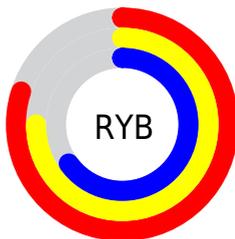
The YUV color $186.2810, -9.5055, 15.5396$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $184.7190, 9.5055, -15.5396$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6720, -9.2053, 12.5657$, and $132.7970, -8.7739, 14.2100$ is the 20% darker color. If you saturate the color by 10%, you get $176.3700, -14.4794, 24.2315$, and if you desaturate by 10%, it is $196.1920, -4.5317, 6.8476$.

Distribution



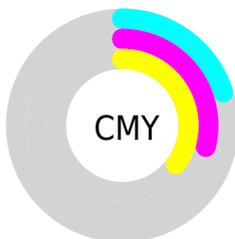
- Red (80%)
- Green (71%)
- Blue (65%)



- Red (80%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.2810, -9.5055, 15.5396 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 186.2810, -9.5055, 15.5396 by changing the saturation by 10% instead.

 186.2810, -9.5055,
15.5396

 186.2810, -9.5055,
15.5396

255.0000, 0.0000,
0.0000

 159.0960, -8.9213,
14.8248

 240.6720, -9.2053,
12.5657

 132.7970, -8.7739,
14.2100

 254.5440, -1.7472,
0.3999

 107.6120, -8.1897,
13.4953

 83.3130, -8.0423,
12.8805

 60.1280, -7.4581,
12.1657

 38.5300, -7.1633,
10.9362

 16.9000, -8.3317,

12.3657

■ 0.0000, 0.0000,
0.0000

■ 186.2810, -9.5055,
15.5396

■ 186.2810, -9.5055,
15.5396

■ 176.3700,
-14.4794, 24.2315

■ 196.1920, -4.5317,
6.8476

■ 166.9320,
-20.1795, 32.5086

■ 205.6300, 1.1684,
-1.4295

■ 157.0210,
-25.1534, 41.2006

■ 215.5410, 6.1423,
-10.1215

■ 146.9960,
-30.5640, 49.9925

■ 225.5660, 11.5530,
-18.9134

■ 137.6720,
-35.8273, 58.1697

■ 233.2940, 10.7011,
-25.6908

■ 127.7610,
-40.8012, 66.8616

■ 239.7510, 7.5178,
-31.3536

■ 117.7360,
-46.2118, 75.6535

■ 108.4120,
-51.4751, 83.8307

■ 106.1950,
-52.3541, 85.7750

Harmonies

Analogous

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



187.5140, -6.1694, 18.8432



186.2810, -9.5055, 15.5396



185.0090, -10.3574, 8.7621

Triad

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



186.2810, -9.5055, 15.5396



181.9330, 1.5120, -18.3582



186.5900, 8.5831, 0.3596

Complementary

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



186.2810, -9.5055, 15.5396



184.7190, 9.5055, -15.5396

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.



184.8060, 10.9416, -9.4769



186.2810, -9.5055, 15.5396



181.7030, 7.0484, -20.7875

Square

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



186.2810, -9.5055, 15.5396



182.7830, -4.3300, -11.2107



182.9360, 10.3846, -17.4839



187.8040, 4.0406, 10.6959

Rectangle

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



186.2810, -9.5055, 15.5396



184.4920, -9.6096, 2.1995



182.9360, 10.3846, -17.4839



186.2090, 9.7570, -2.8143

Sweetspot

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



186.2810, -9.5055, 15.5396



248.8220, -3.3632, 5.4181



180.6850, 4.5923, 20.4473



124.1530, -2.0474, 3.3738



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.



186.2810, -9.5055, 15.5396



228.0710, -14.3320, 23.6167



196.8470, -14.7146, 6.2732



97.3380, -2.6316, 4.0886



86.6150, -42.7012, 69.6206



19.5800, -9.6529, 16.1543

Inverse Universe

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



184.7190, 9.5055, -15.5396



225.9290, 14.3320, -23.6167



174.1530, 14.7146, -6.2732



96.6620, 2.6316, -4.0886



79.3850, 42.7012, -69.6206



18.4200, 9.6529, -16.1543

Previews

White Background



This preview shows how the YUV color 186.2810, -9.5055, 15.5396 looks on a white background.

Color Contrast Check

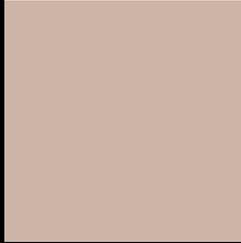
Large Text (above 18pt) WCAG AA × Fail

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 186.2810, -9.5055, 15.5396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

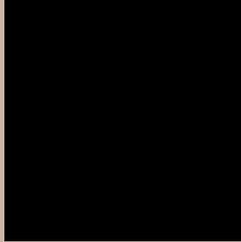
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2810, -9.5055, 15.5396

Background



This preview shows how black text looks on a background with the YUV color 186.2810, -9.5055, 15.5396.



This preview shows how white text looks on a background with the YUV color 186.2810, -9.5055,

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

186.2810, -9.5055, 15.5396

Protanopia

185.5680, -8.1680, 6.5179

Deuteranopia

186.9010, -9.8112, 20.2578



Tritanopia

187.5660, 1.6930, 17.0436

Trichromacy



Original Color

186.2810, -9.5055, 15.5396

Protanomaly

186.0630, -8.9051, 9.5917

Deuteranomaly

186.8900, -9.8058, 18.5135

Tritanomaly

186.8280, -2.3802, 16.8138

Monochromacy



Original Color

186.2810, -9.5055, 15.5396

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2810, -9.5055, 15.5396 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(204, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 167)  
}
```

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(204, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 167) }
```

Border

The CSS property to change the border of an element to YUV 186.2810, -9.5055, 15.5396 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(204, 181, 167) }
```

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

```
.border{ border-color:rgb(204, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 186.2810, -9.5055, 15.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 167) }
```

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

```
.background{ background-color: rgb(204,  
181, 167) }
```

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