

Converting Colors

YUV(196.5660, -28.3800,
49.4926)

Have a look what the booklet for
YUV(196.5660, -28.3800, 49.4926)
contains.

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Color

**YUV(196.5660, -28.3800,
49.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB38B
RGB	253, 179, 139
RGB Percent	99%, 70%, 55%
CMY	0.0078, 0.2980, 0.4549
CMYK	0.00, 0.29, 0.45, 0.01
HSL	21°, 97%, 77%
HSV	21°, 45%, 99%
XYZ	61.2883, 54.9869, 31.8094
YIQ	196.5660, 56.9440, 3.2480

Conversions

Conversions Part 2

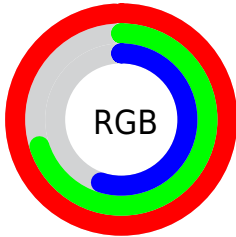
Format	Color
R_{YB}	253, 201, 139
Decimal	16626571
CIE _{Lab}	79.03, 22.34, 31.14
CIE _{LCh}	79, 38.327, 54.350
Yxy	54.9869, 0.4139, 0.3713
Android (android.graphics.Color)	4294816651 (0xFFFD38B)
YUV	196.5660, -28.3800, 49.4926
Hunter-Lab	74.1532, 17.7639, 26.4737

Details

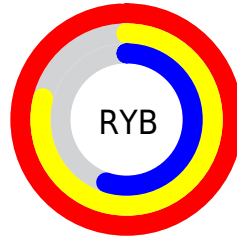
The YUV color $196.5660, -28.3800, 49.4926$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $195.4340, 28.3800, -49.4926$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.1920, -21.2937, 16.4946$, and $142.0000, -26.6220, 45.6040$ is the 20% darker color. If you saturate the color by 10%, you get $184.3240, -34.6697, 60.2289$, and if you desaturate by 10%, it is $208.8080, -22.0903, 38.7564$.

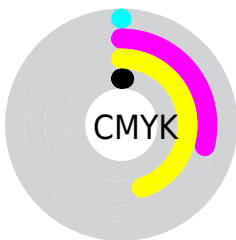
Distribution



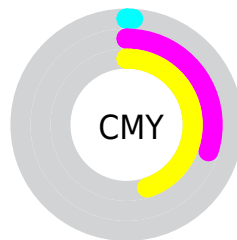
- Red (99%)
- Green (70%)
- Blue (55%)



- Red (99%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (1%)



- Cyan (1%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5660, -28.3800, 49.4926 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 196.5660, -28.3800, 49.4926 by changing the saturation by 10% instead.

196.5660,
-28.3800, 49.4926

196.5660,
-28.3800, 49.4926

255.0000, 0.0000,
0.0000

168.7830,
-27.5010, 47.5483

236.1920,
-21.2937, 16.4946

142.0000,
-26.6220, 45.6040

251.1240,
-14.8511, 3.3993

116.0320,
-25.1588, 42.9449

254.4300, -2.1840,
0.4999

90.3630, -23.8430,
40.9006

65.9820, -22.6691,
37.7268

42.7150, -21.0585,
34.4529

21.4400, -10.5699,

30.3091

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 196.5660,
-28.3800, 49.4926

■ 196.5660,
-28.3800, 49.4926

■ 184.3240,
-34.6697, 60.2289

■ 208.8080,
-22.0903, 38.7564

■ 171.3810,
-41.1068, 71.5799

■ 221.7510,
-15.6532, 27.4054

■ 159.1390,
-47.3965, 82.3161

■ 233.9930, -9.3635,
16.6691

■ 146.3100,
-53.3968, 93.5671

■ 246.8220, -3.3632,
5.4181

■ 134.0680,
-59.6865, 104.3034

254.4020, 0.2948,
-1.2296

■ 127.8900,
-63.0498, 109.7215

Harmonies

Analogous

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



195.1870, -13.4032, 52.4560



196.5660, -28.3800, 49.4926



193.9410, -33.9879, 28.1157

Triad

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



196.5660, -28.3800, 49.4926



178.6190, 4.1318, -65.4409



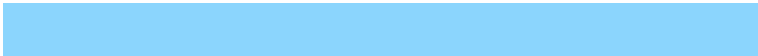
197.1220, 28.5339, -5.3690

Complementary

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



196.5660, -28.3800, 49.4926



195.4340, 28.3800, -49.4926

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.



187.4220, 33.3160, -45.9741



196.5660, -28.3800, 49.4926



172.0730, 25.6000, -91.2720

Square

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



196.5660, -28.3800, 49.4926



185.8500, -16.1950, -32.3174



176.3310, 37.7978, -83.6053



201.2960, 18.0951, 29.5584

Rectangle

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



196.5660, -28.3800, 49.4926



191.8740, -32.4759, 9.7575



176.3310, 37.7978, -83.6053



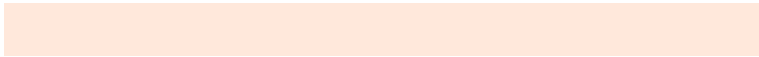
194.0880, 30.0296, -18.4942

Sweetspot

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



196.5660, -28.3800, 49.4926



237.3950, -9.0687, 15.4396



181.5220, 15.5187, 62.6862



116.6870, -5.2687, 9.9215



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.



196.5660, -28.3800, 49.4926



187.0250, -34.5223, 59.6141



230.0250, -44.8753, 20.1491



121.2350, -3.0739, 5.9329



96.4380, -47.5439, 82.9309



32.0500, -15.8006, 28.0202

Inverse Universe

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



195.4340, 28.3800, -49.4926



185.5620, 34.2329, -60.1289



161.9750, 44.8753, -20.1491



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Previews

White Background



This preview shows how the YUV color 196.5660, -28.3800, 49.4926 looks on a white background.

Color Contrast Check

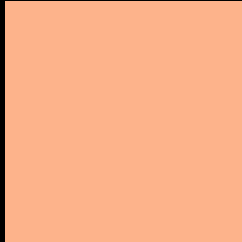
Large Text (above 18pt) WCAG AA × Fail

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 196.5660, -28.3800, 49.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

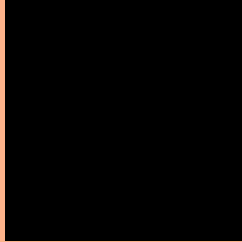
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.5660, -28.3800, 49.4926

Background



This preview shows how black text looks on a background with the YUV color 196.5660, -28.3800, 49.4926.



This preview shows how white text looks on a background with the YUV color 196.5660, -28.3800, 49.4926.

49.4926.

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

196.5660, -28.3800, 49.4926

Protanopia

194.4860, -23.9036, 13.6058

Deuteranopia

195.9400, -29.0574, 33.3786



Tritanopia

199.5870, -6.6984, 48.5972

Trichromacy



Original Color

196.5660, -28.3800, 49.4926

Protanomaly

195.4060, -25.8362, 26.8309

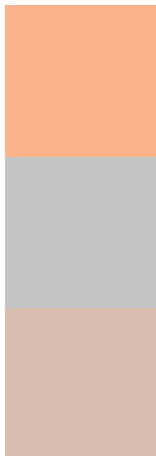
Deuteranomaly

196.3860, -28.7843, 39.1265

Tritanomaly

198.5240, -14.5553, 48.6525

Monochromacy



Original Color

196.5660, -28.3800, 49.4926

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.4770, -10.0952, 17.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5660, -28.3800, 49.4926 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(253, 179, 139)` looks like.

```
.text, #text, p{  
    color:rgb(253, 179, 139)  
}
```

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(253, 179, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 179, 139) }
```

Border

The CSS property to change the border of an element to YUV 196.5660, -28.3800, 49.4926 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(253, 179, 139) }
```


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

```
.border{ border-color:rgb(253, 179, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 179, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 179, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 179, 139);  
box-shadow:4px 4px 4px 4px rgb(253, 179,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 196.5660, -28.3800, 49.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 179, 139) }
```

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

```
.background{ background-color: rgb(253,  
179, 139) }
```

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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