

Converting Colors

YUV(193.6900, -26.4692,
43.2449)

Have a look what the booklet for
YUV(193.6900, -26.4692, 43.2449)
contains.

YUV(193.6900, -26.4692, 43.2449)	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(193.6900, -26.4692,
43.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B38C
RGB	243, 179, 140
RGB Percent	95%, 70%, 55%
CMY	0.0471, 0.2980, 0.4510
CMYK	0.00, 0.26, 0.42, 0.05
HSL	23°, 81%, 75%
HSV	23°, 42%, 95%
XYZ	57.8159, 53.1883, 32.0301
YIQ	193.6900, 50.6630, 1.4390

Conversions

Conversions Part 2

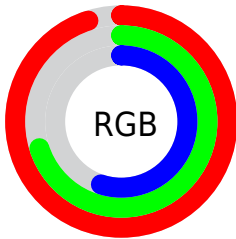
Format	Color
R _Y B	243, 203, 140
Decimal	15971212
CIE Lab	77.99, 18.54, 29.03
CIE LCh	78, 34.445, 57.442
Yxy	53.1883, 0.4042, 0.3719
Android (android.graphics.Color)	4294161292 (0xFFFF3B38C)
YUV	193.6900, -26.4692, 43.2449
Hunter-Lab	72.9303, 13.8786, 25.0118

Details

The YUV color **193.6900, -26.4692, 43.2449** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **189.3100, 26.4692, -43.2449**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3060, -20.8569, 16.3946**, and **139.4230, -24.8585, 39.9710** is the 20% darker color. If you saturate the color by 10%, you get **182.1490, -32.6115, 53.3663**, and if you desaturate by 10%, it is **205.2310, -20.3269, 33.1234**.

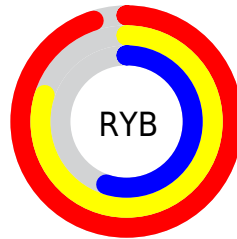
Distribution



Red (95%)

Green (70%)

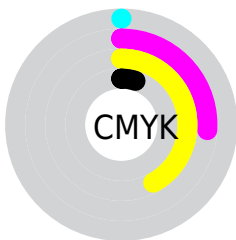
Blue (55%)



Red (95%)

Yellow (80%)

Blue (55%)

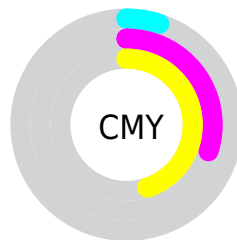


Cyan (0%)

Magenta (26%)

Yellow (42%)

Black (5%)



Cyan (5%)


Magenta (30%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.6900, -26.4692, 43.2449 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 193.6900, -26.4692, 43.2449 by changing the saturation by 10% instead.


 193.6900,
-26.4692, 43.2449


 193.6900,
-26.4692, 43.2449


255.0000, 0.0000,
0.0000

 166.2060,
-25.7376, 41.9153


 236.3060,
-20.8569, 16.3946


 139.4230,
-24.8585, 39.9710


 251.2380,
-14.4143, 3.2993

 113.4550,
-23.3953, 37.3120

 254.5440, -1.7472,
0.3999

 88.6720, -22.5163,
35.3677

 64.2910, -21.3425,
32.1938

 41.5080, -20.4634,
30.2495

 21.1080, -10.4062,

24.4613

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 193.6900,
-26.4692, 43.2449

■ 193.6900,
-26.4692, 43.2449

■ 182.1490,
-32.6115, 53.3663

■ 205.2310,
-20.3269, 33.1234

■ 170.4940,
-39.1905, 63.5878

■ 216.8860,
-13.7478, 22.9020

■ 158.9530,
-45.3328, 73.7092

■ 228.4270, -7.6055,
12.7805

■ 147.4120,
-51.4751, 83.8307

■ 239.9680, -1.4632,
2.6591

■ 135.8710,
-57.6174, 93.9521

■ 250.8250, 2.0583,
-6.8625

■ 126.6610,
-62.4439, 102.0293

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



195.4320, -15.0030, 52.2411



193.6900, -26.4692, 43.2449



191.4180, -30.7721, 23.3124

Triad

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



193.6900, -26.4692, 43.2449



177.7060, 5.5679, -59.3782



195.2750, 26.4864, -1.9952

Complementary

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



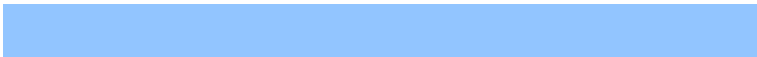
193.6900, -26.4692, 43.2449



189.3100, 26.4692, -43.2449

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.



188.3630, 32.8520, -37.1524



193.6900, -26.4692, 43.2449



174.4770, 22.9358, -76.7173

Square

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



193.6900, -26.4692, 43.2449



183.3600, -12.9955, -31.8877



178.8770, 33.0916, -67.4211



197.7860, 14.8955, 29.1287

Rectangle

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



193.6900, -26.4692, 43.2449



189.1770, -28.6813, 5.9838



178.8770, 33.0916, -67.4211



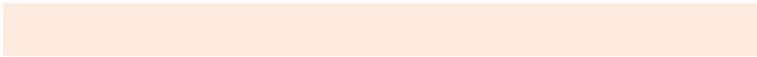
193.1210, 30.0133, -13.2611

Sweetspot

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



193.6900, -26.4692, 43.2449



238.9110, -8.3371, 14.1101



178.2070, 13.2089, 56.8235



117.9750, -5.4107, 8.7919



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.



193.6900, -26.4692, 43.2449



192.6330, -33.3431, 54.6959



223.0400, -40.9387, 17.5049



116.5230, -3.2158, 4.8033



96.7040, -47.6751, 78.3126



30.5550, -15.0636, 24.9463

Inverse Universe

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



189.3100, 26.4692, -43.2449



187.3670, 33.3431, -54.6959



159.9600, 40.9387, -17.5049



116.0640, 2.9264, -5.3181



89.2960, 47.6751, -78.3126



27.8580, 15.3530, -24.4315

Previews

White Background



This preview shows how the YUV color 193.6900, -26.4692, 43.2449 looks on a white background.

Color Contrast Check

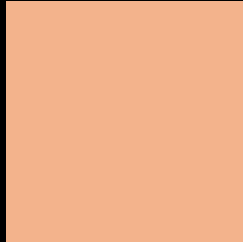
Large Text (above 18pt) WCAG AA × Fail

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 193.6900, -26.4692, 43.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

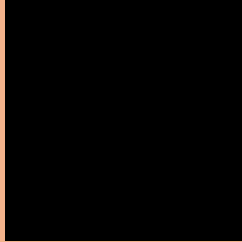
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6900, -26.4692, 43.2449

Background



This preview shows how black text looks on a background with the YUV color 193.6900, -26.4692, 43.2449.



This preview shows how white text looks on a background with the YUV color 193.6900, -26.4692, 43.2449.

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

193.6900, -26.4692, 43.2449

Protanopia

191.8280, -22.5932, 13.3058

Deuteranopia

192.9120, -26.5786, 31.6492



Tritanopia

196.6080, -5.2297, 44.1938

Trichromacy



Original Color

193.6900, -26.4692, 43.2449

Protanomaly

192.5520, -23.9361, 24.0719

Deuteranomaly

193.2330, -26.7369, 35.7527

Tritanomaly

195.5450, -13.0867, 44.2490

Monochromacy



Original Color

193.6900, -26.4692, 43.2449

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1670, -9.9423, 15.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6900, -26.4692, 43.2449 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(243, 179, 140)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 140)  
}
```

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(243, 179, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 140) }
```

Border

The CSS property to change the border of an element to YUV 193.6900, -26.4692, 43.2449 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(243, 179, 140) }
```


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

```
.border{ border-color:rgb(243, 179, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 179, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 140);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 193.6900, -26.4692, 43.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 140) }
```

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

```
.background{ background-color: rgb(243,  
179, 140) }
```

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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