

Converting Colors

YUV(196.5200, -21.9484,
39.8860)

Have a look what the booklet for
YUV(196.5200, -21.9484, 39.8860)
contains.

YUV(196.5200, -21.9484, 39.8860)	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(196.5200, -21.9484,
39.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B698
RGB	242, 182, 152
RGB Percent	95%, 71%, 60%
CMY	0.0510, 0.2863, 0.4039
CMYK	0.00, 0.25, 0.37, 0.05
HSL	20°, 78%, 77%
HSV	20°, 37%, 95%
XYZ	59.0134, 54.6001, 37.1343
YIQ	196.5200, 45.3900, 3.3900

Conversions

Conversions Part 2

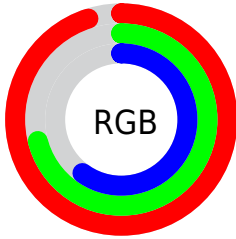
Format	Color
R _Y B	242, 197, 152
Decimal	15906456
CIE Lab	78.81, 17.89, 23.73
CIE LCh	79, 29.719, 52.992
Yxy	54.6001, 0.3915, 0.3622
Android (android.graphics.Color)	4294096536 (0xFFFF2B698)
YUV	196.5200, -21.9484, 39.8860
Hunter-Lab	73.8919, 13.2473, 21.9282

Details

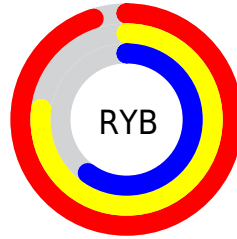
The YUV color $196.5200, -21.9484, 39.8860$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $197.4800, 21.9484, -39.8860$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.4350, -16.4835, 13.6505$, and $142.2530, -20.3377, 36.6121$ is the 20% darker color. If you saturate the color by 10%, you get $184.3920, -27.8013, 50.5222$, and if you desaturate by 10%, it is $208.6480, -16.0955, 29.2497$.

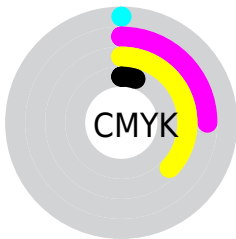
Distribution



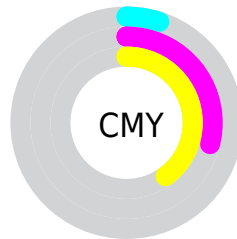
- Red (95%)
- Green (71%)
- Blue (60%)



- Red (95%)
- Yellow (77%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5200, -21.9484, 39.8860 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 196.5200, -21.9484, 39.8860 by changing the saturation by 10% instead.

196.5200,
-21.9484, 39.8860

196.5200,
-21.9484, 39.8860

255.0000, 0.0000,
0.0000

169.0360,
-21.2167, 38.5564

239.4350,
-16.4835, 13.6505

142.2530,
-20.3377, 36.6121

252.7200, -8.7360,
1.9996

116.4700,
-19.4587, 34.6678

91.1000, -18.2903,
33.2383

67.0180, -17.2639,
30.6792

43.8220, -16.6742,
28.2201

22.8800, -11.2798,

24.6612

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 196.5200,
-21.9484, 39.8860

■ 196.5200,
-21.9484, 39.8860

■ 184.3920,
-27.8013, 50.5222

■ 208.6480,
-16.0955, 29.2497

■ 172.2640,
-33.6542, 61.1585

■ 220.7760,
-10.2426, 18.6134

■ 160.0220,
-39.9438, 71.8947

■ 233.0180, -3.9529,
7.8772

■ 147.3070,
-45.5074, 83.0458

■ 245.7330, 1.6106,
-3.2738

■ 135.1790,
-51.3602, 93.6820

■ 251.1130, 1.9163,
-7.9921

■ 123.0510,
-57.2131, 104.3183

■ 119.9050,
-59.1132, 107.0773

Harmonies

Analogous

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



198.3110, -11.4923, 46.2083



196.5200, -21.9484, 39.8860



194.1560, -26.6989, 23.5422

Triad

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



196.5200, -21.9484, 39.8860



183.7570, 1.5988, -46.2679



196.6830, 24.3133, -4.9840

Complementary

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



196.5200, -21.9484, 39.8860



197.4800, 21.9484, -39.8860

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.



190.9350, 28.6260, -35.0230



196.5200, -21.9484, 39.8860



181.3820, 17.0667, -60.8480

Square

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



196.5200, -21.9484, 39.8860



188.0020, -13.3120, -23.6808



184.2220, 26.5126, -57.1997



199.3290, 14.6278, 21.6365

Rectangle

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



196.5200, -21.9484, 39.8860



192.4100, -25.3451, 9.2874



184.2220, 26.5126, -57.1997



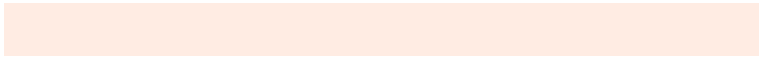
195.4860, 26.3824, -15.3352

Sweetspot

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



196.5200, -21.9484, 39.8860



240.6550, -6.7319, 12.5806



185.7500, 12.9413, 49.3312



119.0180, -3.9529, 7.8772



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.



196.5200, -21.9484, 39.8860



197.2780, -28.2381, 50.6222



222.9350, -34.9710, 16.7200



113.9360, -2.9264, 5.3181



90.8230, -44.7757, 81.7162



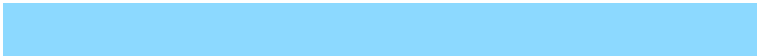
27.8970, -13.7532, 24.6463

Inverse Universe

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



197.4800, 21.9484, -39.8860



198.3090, 27.9487, -51.1370



171.0650, 34.9710, -16.7200



114.0640, 2.9264, -5.3181



92.5900, 45.0651, -81.2014



28.1030, 13.7532, -24.6463

Previews

White Background



This preview shows how the YUV color 196.5200, -21.9484, 39.8860 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 196.5200, -21.9484, 39.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

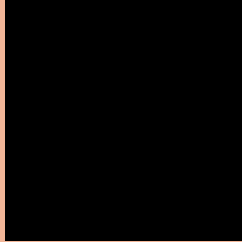
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.5200, -21.9484, 39.8860

Background



This preview shows how black text looks on a background with the YUV color 196.5200, -21.9484, 39.8860.



This preview shows how white text looks on a background with the YUV color 196.5200, -21.9484, 39.8860.

39.8860.

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

196.5200, -21.9484, 39.8860

Protanopia

194.3700, -17.9304, 11.0765

Deuteranopia

195.4540, -21.9158, 29.4198



Tritanopia

199.1130, -4.4927, 41.1199

Trichromacy



Original Color

196.5200, -21.9484, 39.8860

Protanomaly

195.0940, -19.2733, 21.8426

Deuteranomaly

195.7750, -22.0741, 33.5233

Tritanomaly

198.3920, -11.0393, 40.8752

Monochromacy



Original Color

196.5200, -21.9484, 39.8860

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0250, -7.9003, 14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5200, -21.9484, 39.8860 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(242, 182, 152)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 152)  
}
```

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(242, 182, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 152) }
```

Border

The CSS property to change the border of an element to YUV 196.5200, -21.9484, 39.8860 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(242, 182, 152) }
```


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

```
.border{ border-color:rgb(242, 182, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 182, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 182, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 182, 152); box-shadow:4px 4px 4px 4px rgb(242, 182, 152) }
```

Background

The CSS property to change the background color of an element to YUV 196.5200, -21.9484, 39.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 152) }
```

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

```
.background{ background-color: rgb(242,  
182, 152) }
```

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