

Converting Colors

YUV(196.9700, -21.1842,
28.0903)

Have a look what the booklet for
YUV(196.9700, -21.1842, 28.0903)
contains.

YUV(196.9700, -21.1842, 28.0903)	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(196.9700, -21.1842,
28.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BD9A
RGB	229, 189, 154
RGB Percent	90%, 74%, 60%
CMY	0.1020, 0.2588, 0.3961
CMYK	0.00, 0.17, 0.33, 0.10
HSL	28°, 59%, 75%
HSV	28°, 33%, 90%
XYZ	56.3434, 55.3863, 38.2929
YIQ	196.9700, 35.0750, -2.4050

Conversions

Conversions Part 2

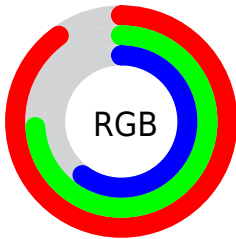
Format	Color
RYB	229, 220, 154
Decimal	15056282
CIELab	79.26, 9.40, 23.07
CIElCh	79, 24.918, 67.827
Yxy	55.3863, 0.3756, 0.3692
Android (android.graphics.Color)	4293246362 (0xFFE5BD9A)
YUV	196.9700, -21.1842, 28.0903
Hunter-Lab	74.4220, 4.9004, 21.5885

Details

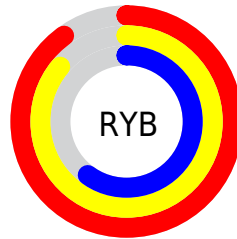
The YUV color $196.9700, -21.1842, 28.0903$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.0300, 21.1842, -28.0903$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8860, -17.1988, 9.7470$, and $143.0020, -19.7210, 25.4312$ is the 20% darker color. If you saturate the color by 10%, you get $187.3040, -27.7579, 36.5674$, and if you desaturate by 10%, it is $206.6360, -14.6105, 19.6132$.

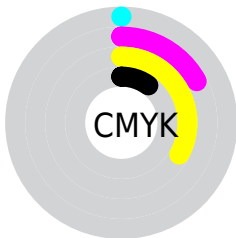
Distribution



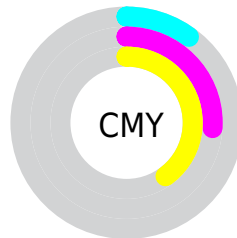
- Red (90%)
- Green (74%)
- Blue (60%)



- Red (90%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (10%)



- Cyan (10%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9700, -21.1842, 28.0903 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 196.9700, -21.1842, 28.0903 by changing the saturation by 10% instead.

■ 196.9700,
-21.1842, 28.0903

■ 196.9700,
-21.1842, 28.0903

255.0000, 0.0000,
0.0000

■ 169.4860,
-20.4526, 26.7608

■ 243.8860,
-17.1988, 9.7470

■ 143.0020,
-19.7210, 25.4312

■ 252.9480, -7.8624,
1.7996

■ 116.8170,
-19.1368, 24.7165

■ 92.0340, -18.2578,
22.7722

■ 68.2510, -17.3787,
20.8279

■ 45.4680, -16.4997,
18.8836

■ 24.8960, -12.2737,

16.7542

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 196.9700,
-21.1842, 28.0903

■ 196.9700,
-21.1842, 28.0903

■ 187.3040,
-27.7579, 36.5674

■ 206.6360,
-14.6105, 19.6132

■ 177.6380,
-34.3315, 45.0445

■ 216.3020, -8.0369,
11.1361

■ 167.3850,
-40.6158, 54.0364

■ 226.5550, -1.7526,
2.1443

■ 157.7190,
-47.1895, 62.5134

■ 236.2210, 4.8210,
-6.3328

■ 148.1670,
-53.3263, 70.8905

■ 244.2910, 5.2795,
-13.4102

■ 138.5010,
-59.9000, 79.3676

■ 247.2260, 3.8326,
-15.9842

■ 131.2800,
-64.7210, 85.7004

Harmonies

Analogous

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



198.4580, -14.5228, 38.1863



196.9700, -21.1842, 28.0903



194.9310, -22.1510, 11.4615

Triad

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



196.9700, -21.1842, 28.0903



186.9620, 7.4137, -44.6937



199.1100, 16.7078, 7.7965

Complementary

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



196.9700, -21.1842, 28.0903



186.0300, 21.1842, -28.0903

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.



195.5630, 22.8934, -16.2798



196.9700, -21.1842, 28.0903



186.8010, 18.3391, -48.9375

Square

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



196.9700, -21.1842, 28.0903



189.0320, -5.4388, -28.9691



190.6590, 23.8321, -37.4119



200.5980, 6.6072, 27.5396

Rectangle

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



196.9700, -21.1842, 28.0903



192.7660, -18.6186, -1.5488



190.6590, 23.8321, -37.4119



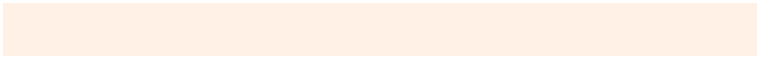
198.3370, 19.0609, -0.2955

Sweetspot

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



196.9700, -21.1842, 28.0903



243.9320, -6.8685, 9.7066



180.9850, 6.4164, 42.1092



120.8930, -4.3842, 6.2328



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.



196.9700, -21.1842, 28.0903



212.6030, -27.9053, 37.1822



219.2760, -32.1811, 8.5279



110.1100, -3.5052, 4.2885



102.2420, -50.4053, 67.3168



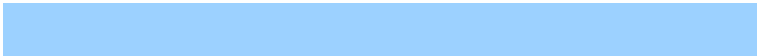
29.3370, -14.4631, 18.9985

Inverse Universe

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



186.0300, 21.1842, -28.0903



198.3970, 27.9053, -37.1822



164.3110, 31.8917, -9.0427



107.8900, 3.5052, -4.2885



76.1710, 50.6947, -66.8020



21.6630, 14.4631, -18.9985

Previews

White Background



This preview shows how the YUV color 196.9700, -21.1842, 28.0903 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 196.9700, -21.1842, 28.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

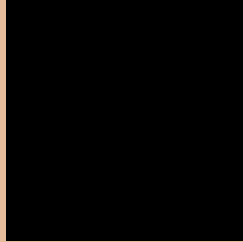
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.9700, -21.1842, 28.0903

Background



This preview shows how black text looks on a background with the YUV color 196.9700, -21.1842, 28.0903.



This preview shows how white text looks on a background with the YUV color 196.9700, -21.1842, 28.0903.

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

196.9700, -21.1842, 28.0903

Protanopia

195.4410, -18.9514, 11.8912

Deuteranopia

197.2690, -21.3316, 28.7051



Tritanopia

199.8450, -1.4026, 29.9539

Trichromacy



Original Color

196.9700, -21.1842, 28.0903

Protanomaly

195.6590, -19.5519, 17.8391

Deuteranomaly

197.2690, -21.3316, 28.7051

Tritanomaly

198.5970, -8.6753, 29.2944

Monochromacy



Original Color

196.9700, -21.1842, 28.0903

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0030, -7.8895, 10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9700, -21.1842, 28.0903 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(229, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 154)  
}
```

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(229, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 154) }
```

Border

The CSS property to change the border of an element to YUV 196.9700, -21.1842, 28.0903 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(229, 189, 154) }
```


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

```
.border{ border-color:rgb(229, 189, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 189, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 189, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 189, 154);  
box-shadow:4px 4px 4px 4px rgb(229, 189,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 196.9700, -21.1842, 28.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 154) }
```

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

```
.background{ background-color: rgb(229,  
189, 154) }
```

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