

Converting Colors

YUV(199.6010, -21.4953,
34.5529)

Have a look what the booklet for
YUV(199.6010, -21.4953, 34.5529)
contains.

YUV(199.6010, -21.4953, 34.5529)	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(199.6010, -21.4953,
34.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBC9C
RGB	239, 188, 156
RGB Percent	94%, 74%, 61%
CMY	0.0627, 0.2627, 0.3882
CMYK	0.00, 0.21, 0.35, 0.06
HSL	23°, 72%, 77%
HSV	23°, 35%, 94%
XYZ	59.5806, 56.7175, 39.2598
YIQ	199.6010, 40.6680, 0.8600

Conversions

Conversions Part 2

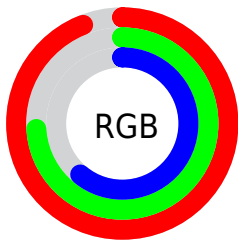
Format	Color
R_{YB}	239, 208, 156
Decimal	15711388
CIE _{Lab}	80.02, 14.04, 23.20
CIE _{LCh}	80, 27.117, 58.830
Yxy	56.7175, 0.3830, 0.3646
Android (android.graphics.Color)	4293901468 (0xFFEFBC9C)
YUV	199.6010, -21.4953, 34.5529
Hunter-Lab	75.3110, 9.4220, 21.8097

Details

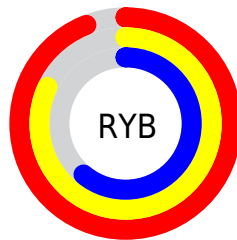
The YUV color **199.6010, -21.4953, 34.5529** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **195.3990, 21.4953, -34.5529**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.5270, -16.0358, 10.0618**, and **145.6330, -20.0321, 31.8939** is the 20% darker color. If you saturate the color by 10%, you get **188.0600, -27.6376, 44.6744**, and if you desaturate by 10%, it is **211.1420, -15.3530, 24.4315**.

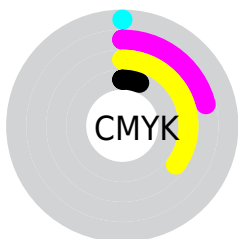
Distribution



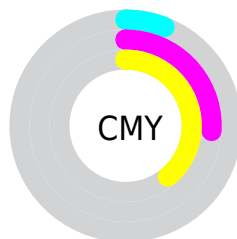
- Red (94%)
- Green (74%)
- Blue (61%)



- Red (94%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.6010, -21.4953, 34.5529 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 199.6010, -21.4953, 34.5529 by changing the saturation by 10% instead.


 199.6010,
-21.4953, 34.5529


 199.6010,
-21.4953, 34.5529


255.0000, 0.0000,
0.0000


 172.1170,
-20.7637, 33.2234


 243.5270,
-16.0358, 10.0618


 145.6330,
-20.0321, 31.8939

 253.1760, -6.9888,
1.5996

 119.1490,
-19.3005, 30.5643

 94.3660, -18.4214,
28.6200

 70.2840, -17.3950,
26.0609

 46.9140, -16.2266,
24.6314

 26.1030, -12.8688,

20.9577

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 199.6010,
-21.4953, 34.5529

■ 199.6010,
-21.4953, 34.5529

■ 188.0600,
-27.6376, 44.6744

■ 211.1420,
-15.3530, 24.4315

■ 177.1060,
-34.0693, 54.2810

■ 222.0960, -8.9213,
14.8248

■ 165.5650,
-40.2115, 64.4025

■ 233.6370, -2.7790,
4.7034

■ 154.0240,
-46.3538, 74.5240

■ 245.1780, 3.3632,
-5.4181

■ 143.1840,
-52.3487, 84.0306

■ 250.2160, 2.3585,
-9.8364

■ 131.6430,
-58.4910, 94.1521

■ 125.4650,
-61.8542, 99.5702

Harmonies

Analogous

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



201.5340, -13.0813, 42.5047



199.6010, -21.4953, 34.5529



197.1060, -24.2093, 18.3240

Triad

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



199.6010, -21.4953, 34.5529



188.3380, 3.7774, -45.0234



200.5050, 20.9500, 0.4341

Complementary

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



199.6010, -21.4953, 34.5529



195.3990, 21.4953, -34.5529

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.



196.0070, 26.1255, -26.3161



199.6010, -21.4953, 34.5529



187.1270, 17.1924, -54.4854

Square

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



199.6010, -21.4953, 34.5529



191.3160, -9.5228, -25.7101



190.2340, 25.0276, -47.5632



202.4280, 11.1280, 24.1806

Rectangle

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



199.6010, -21.4953, 34.5529



195.7730, -22.5661, 4.5841



190.2340, 25.0276, -47.5632



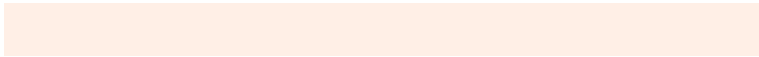
199.3190, 23.0137, -8.1728

Sweetspot

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



199.6010, -21.4953, 34.5529



242.7580, -6.2897, 10.7362



186.6310, 10.0419, 45.9276



120.3060, -4.0949, 6.7476



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.



199.6010, -21.4953, 34.5529



204.0600, -27.6376, 44.6744



223.6680, -33.3603, 13.4462



113.9360, -2.9264, 5.3181



96.6930, -47.6696, 76.5682



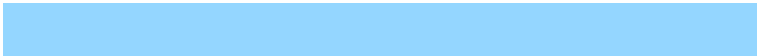
29.6580, -14.6214, 23.1019

Inverse Universe

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



195.3990, 21.4953, -34.5529



198.9400, 27.6376, -44.6744



171.3320, 33.3603, -13.4462



113.4770, 3.2158, -4.8033



87.3070, 47.6696, -76.5682



26.3420, 14.6214, -23.1019

Previews

White Background



This preview shows how the YUV color 199.6010, -21.4953, 34.5529 looks on a white background.

Color Contrast Check

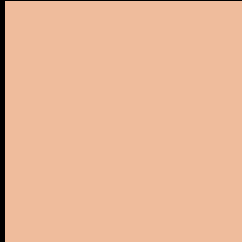
Large Text (above 18pt) WCAG AA × Fail

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 199.6010, -21.4953, 34.5529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

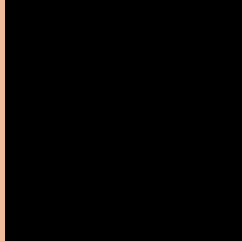
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.6010, -21.4953, 34.5529

Background



This preview shows how black text looks on a background with the YUV color 199.6010, -21.4953, 34.5529.



This preview shows how white text looks on a background with the YUV color 199.6010, -21.4953, 34.5529.

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

199.6010, -21.4953, 34.5529

Protanopia

197.6690, -18.0778, 11.6913

Deuteranopia

199.1550, -21.7684, 28.8051



Tritanopia

201.8350, -2.8767, 36.1017

Trichromacy



Original Color

199.6010, -21.4953, 34.5529

Protanomaly

198.0830, -19.2679, 20.0982

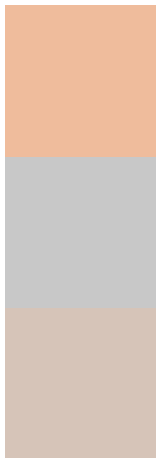
Deuteranomaly

199.4650, -21.9212, 31.1642

Tritanomaly

201.0000, -9.8600, 35.9570

Monochromacy



Original Color

199.6010, -21.4953, 34.5529

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0140, -7.8949, 12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6010, -21.4953, 34.5529 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(239, 188, 156)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 156)  
}
```

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(239, 188, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 156) }
```

Border

The CSS property to change the border of an element to YUV 199.6010, -21.4953, 34.5529 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(239, 188, 156) }
```


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

```
.border{ border-color:rgb(239, 188, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 188, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 156);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 199.6010, -21.4953, 34.5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 188, 156) }
```

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

```
.background{ background-color: rgb(239,  
188, 156) }
```

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