

Converting Colors

YUV(199.5520, -20.4851,
37.2269)

Have a look what the booklet for
YUV(199.5520, -20.4851, 37.2269)
contains.

YUV(199.5520, -20.4851, 37.2269)	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(199.5520, -20.4851,
37.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BA9E
RGB	242, 186, 158
RGB Percent	95%, 73%, 62%
CMY	0.0510, 0.2706, 0.3804
CMYK	0.00, 0.23, 0.35, 0.05
HSL	20°, 76%, 78%
HSV	20°, 35%, 95%
XYZ	60.3484, 56.4637, 40.0656
YIQ	199.5520, 42.3640, 3.1640

Conversions

Conversions Part 2

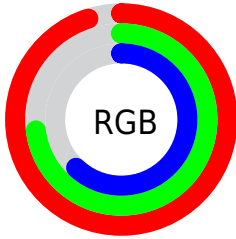
Format	Color
R _Y B	242, 200, 158
Decimal	15907486
CIE Lab	79.88, 16.48, 21.99
CIE LCh	80, 27.480, 53.141
Yxy	56.4637, 0.3847, 0.3599
Android (android.graphics.Color)	4294097566 (0xFFF2BA9E)
YUV	199.5520, -20.4851, 37.2269
Hunter-Lab	75.1423, 11.8581, 20.9864

Details

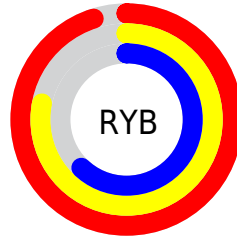
The YUV color $199.5520, -20.4851, 37.2269$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $200.4480, 20.4851, -37.2269$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.5810, -14.5834, 10.8915$, and $145.1710, -19.3113, 34.0530$ is the 20% darker color. If you saturate the color by 10%, you get $187.4240, -26.3380, 47.8632$, and if you desaturate by 10%, it is $211.6800, -14.6322, 26.5906$.

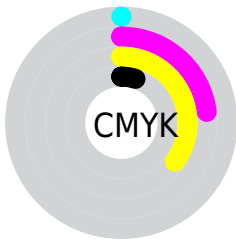
Distribution



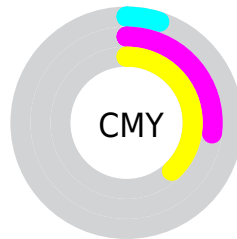
- Red (95%)
- Green (73%)
- Blue (62%)



- Red (95%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5520, -20.4851, 37.2269 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 199.5520, -20.4851, 37.2269 by changing the saturation by 10% instead.

199.5520,
-20.4851, 37.2269

199.5520,
-20.4851, 37.2269

255.0000, 0.0000,
0.0000

172.0680,
-19.7535, 35.8974

242.5810,
-14.5834, 10.8915

145.1710,
-19.3113, 34.0530

253.4040, -6.1152,
1.3997

118.8010,
-18.1429, 32.6235

94.0180, -17.2639,
30.6792

70.2350, -16.3849,
28.7349

46.5660, -15.0690,
26.6906

24.9400, -12.2954,

23.7316

■ 8.7850, -3.8380,
17.7286

■ 0.0000, 0.0000,
0.0000

■ 199.5520,
-20.4851, 37.2269

■ 199.5520,
-20.4851, 37.2269

■ 187.4240,
-26.3380, 47.8632

■ 211.6800,
-14.6322, 26.5906

■ 175.2960,
-32.1909, 58.4994

■ 223.8080, -8.7793,
15.9544

■ 163.0540,
-38.4806, 69.2356

■ 236.0500, -2.4897,
5.2181

■ 150.3390,
-44.0441, 80.3867

■ 248.7650, 3.0739,
-5.9329

■ 138.2110,
-49.8970, 91.0230

■ 251.1130, 1.9163,
-7.9921

■ 126.0830,
-55.7499, 101.6592

■ 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.



200.8160, -10.7553, 43.1344



199.5520, -20.4851, 37.2269



197.3130, -24.8043, 22.5275

Triad

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



199.5520, -20.4851, 37.2269



188.0780, 1.4405, -42.1644



199.8140, 22.2767, -5.0989

Complementary

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



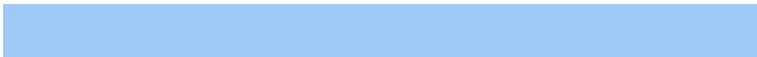
199.5520, -20.4851, 37.2269



200.4480, 20.4851, -37.2269

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.



194.3870, 26.4312, -31.0344



199.5520, -20.4851, 37.2269



186.2580, 15.1558, -54.6003

Square

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



199.5520, -20.4851, 37.2269



191.6540, -12.1544, -21.6216



188.9840, 24.1649, -50.8520



201.9760, 13.3228, 20.1920

Rectangle

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



199.5520, -20.4851, 37.2269



195.5670, -23.4505, 8.2727



188.9840, 24.1649, -50.8520



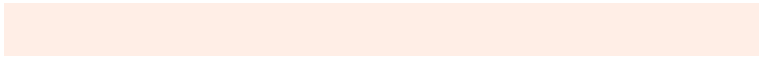
198.3290, 24.4878, -14.3205

Sweetspot

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



199.5520, -20.4851, 37.2269



242.1710, -6.0003, 11.2510



189.5000, 12.0785, 46.0425



119.7190, -3.8055, 7.2624



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.



199.5520, -20.4851, 37.2269



201.1250, -26.1906, 47.2484



223.6190, -32.3502, 16.1201



113.9360, -2.9264, 5.3181



90.8230, -44.7757, 81.7162



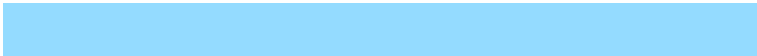
27.8970, -13.7532, 24.6463

Inverse Universe

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



200.4480, 20.4851, -37.2269



201.8750, 26.1906, -47.2484



175.7940, 32.6396, -15.6053



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 199.5520, -20.4851, 37.2269 looks on a white background.

Color Contrast Check

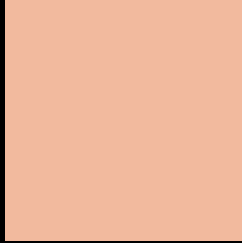
Large Text (above 18pt) WCAG AA × Fail

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 199.5520, -20.4851, 37.2269 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 199.5520, -20.4851, 37.2269

Background



This preview shows how black text looks on a background with the YUV color 199.5520, -20.4851, 37.2269.



This preview shows how white text looks on a background with the YUV color 199.5520, -20.4851,

37.2269.

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

199.5520, -20.4851, 37.2269

Protanopia

197.7120, -16.6200, 10.7766

Deuteranopia

198.4970, -20.4580, 28.5051



Tritanopia

202.0310, -3.4663, 38.5608

Trichromacy



Original Color

199.5520, -20.4851, 37.2269

Protanomaly

198.7240, -18.1049, 20.4131

Deuteranomaly

199.1060, -20.7583, 31.4790

Tritanomaly

201.4240, -9.5760, 38.2162

Monochromacy



Original Color

199.5520, -20.4851, 37.2269

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.8400, -7.3161, 13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5520, -20.4851, 37.2269 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, 186, 158)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 158)  
}
```

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, 186, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 158) }
```

Border

The CSS property to change the border of an element to YUV 199.5520, -20.4851, 37.2269 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, 186, 158) }
```


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

```
.border{ border-color:rgb(242, 186, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 186, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 158);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 199.5520, -20.4851, 37.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 158) }
```

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

```
.background{ background-color: rgb(242,  
186, 158) }
```

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