

Converting Colors

YUV(209.5540, -30.3461,
26.7011)

Have a look what the booklet for
YUV(209.5540, -30.3461, 26.7011)
contains.

YUV(209.5540, -30.3461, 26.7011)	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(209.5540, -30.3461,
26.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CE94
RGB	240, 206, 148
RGB Percent	94%, 81%, 58%
CMY	0.0588, 0.1922, 0.4196
CMYK	0.00, 0.14, 0.38, 0.06
HSL	38°, 75%, 76%
HSV	38°, 38%, 94%
XYZ	63.3518, 64.8060, 37.1868
YIQ	209.5540, 38.8820, -10.8300

Conversions

Conversions Part 2

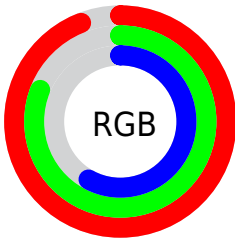
Format	Color
R _Y B	202, 240, 148
Decimal	15781524
CIE Lab	84.38, 4.07, 33.28
CIE LCh	84, 33.524, 83.023
Yxy	64.8060, 0.3832, 0.3919
Android (android.graphics.Color)	4293971604 (0xFFFF0CE94)
YUV	209.5540, -30.3461, 26.7011
Hunter-Lab	80.5022, -0.4069, 28.9634

Details

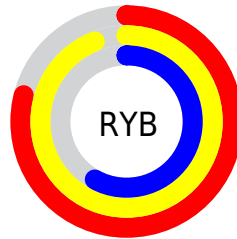
The YUV color $209.5540, -30.3461, 26.7011$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $178.4460, 30.3461, -26.7011$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $154.9990, -28.5935, 24.5569$ is the 20% darker color. If you saturate the color by 10%, you get $201.5350, -38.2248, 33.7338$, and if you desaturate by 10%, it is $217.5730, -22.4675, 19.6685$.

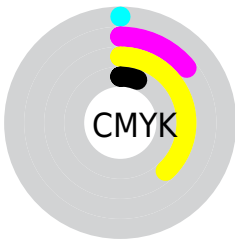
Distribution



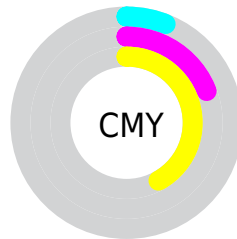
- Red (94%)
- Green (81%)
- Blue (58%)



- Red (79%)
- Yellow (94%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5540, -30.3461, 26.7011 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 209.5540, -30.3461, 26.7011 by changing the saturation by 10% instead.

■ 209.5540,
-30.3461, 26.7011

■ 209.5540,
-30.3461, 26.7011

■ 255.0000, 0.0000,
0.0000

■ 182.0700,
-29.6145, 25.3716

■ 249.0720,
-22.7135, 5.1989

■ 154.9990,
-28.5935, 24.5569

■ 252.2640,
-10.4832, 2.3995

■ 128.5150,
-27.8619, 23.2273

■ 103.1450,
-26.6935, 21.7978

■ 78.2480, -26.2513,
19.9535

■ 55.1230, -26.6826,
18.3091

■ 34.6200, -17.0677,

14.3653

■ 15.1170, -7.4527,
10.4214

■ 0.0000, 0.0000,
0.0000

■ 209.5540,
-30.3461, 26.7011

■ 209.5540,
-30.3461, 26.7011

■ 201.5350,
-38.2248, 33.7338

■ 217.5730,
-22.4675, 19.6685

■ 193.5160,
-46.1034, 40.7665

■ 225.5920,
-14.5889, 12.6358

■ 185.4970,
-53.9820, 47.7991

■ 233.6110, -6.7102,
5.6032

■ 178.0650,
-62.1500, 54.3170

■ 241.0430, 1.4578,
-0.9147

■ 170.0460,
-70.0287, 61.3497

■ 247.5800, 3.6581,
-6.6477

■ 162.0270,
-77.9073, 68.3823

■ 250.5150, 2.2111,
-9.2217

■ 160.3970,
-79.0757, 69.8118

Harmonies

Analogous

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



209.6510, -23.9849, 39.7711



209.5540, -30.3461, 26.7011



206.3120, -26.7758, 1.4804

Triad

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



209.5540, -30.3461, 26.7011



194.2990, 19.5726, -71.2992



215.2200, 16.6535, 25.2401

Complementary

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



209.5540, -30.3461, 26.7011



178.4460, 30.3461, -26.7011

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.



210.7000, 21.8399, -4.9989



209.5540, -30.3461, 26.7011



196.7370, 28.7237, -66.4213

Square

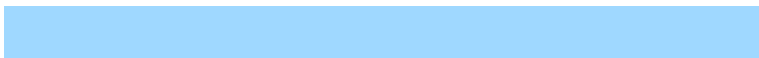
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.5540, -30.3461, 26.7011



197.5280, 2.2047, -53.9601



203.4030, 25.4373, -38.9414



211.5670, 3.6645, 38.0907

Rectangle

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



209.5540, -30.3461, 26.7011



203.9120, -20.1696, -17.4628



203.4030, 25.4373, -38.9414



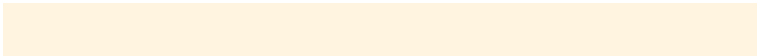
214.6640, 19.8856, 15.2037

Sweetspot

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



209.5540, -30.3461, 26.7011



245.0090, -10.3574, 8.7621



179.4980, 1.7265, 53.0603



121.8390, -5.8366, 5.4032



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.



209.5540, -30.3461, 26.7011



216.4210, -38.6616, 33.8338



226.2230, -38.5639, 2.4354



115.6970, -3.7946, 3.7737



123.1080, -60.6922, 53.4023



37.2890, -18.3835, 16.4095

Inverse Universe

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



178.4460, 30.3461, -26.7011



176.5790, 38.6616, -33.8338



161.7770, 38.5639, -2.4354



111.7160, 4.0840, -3.2589



60.8920, 60.6922, -53.4023



18.7110, 18.3835, -16.4095

Previews

White Background



This preview shows how the YUV color 209.5540, -30.3461, 26.7011 looks on a white background.

Color Contrast Check

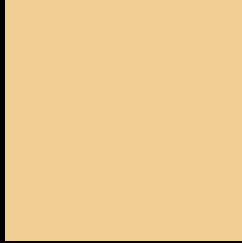
Large Text (above 18pt) WCAG AA × Fail

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 209.5540, -30.3461, 26.7011 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 209.5540, -30.3461, 26.7011 Background



This preview shows how black text looks on a background with the YUV color 209.5540, -30.3461, 26.7011.



This preview shows how white text looks on a background with the YUV color 209.5540, -30.3461, 26.7011.

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

209.5540, -30.3461, 26.7011

Protanopia

208.8300, -29.0032, 15.9351

Deuteranopia

210.6090, -30.3732, 35.4229



Tritanopia

214.3610, -0.6710, 28.6244

Trichromacy



Original Color

209.5540, -30.3461, 26.7011

Protanomaly

209.0370, -29.5982, 20.1386

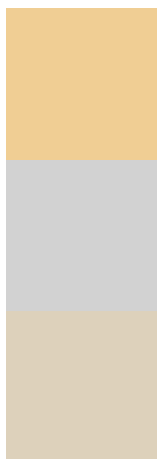
Deuteranomaly

210.0000, -30.0730, 32.4490

Tritanomaly

212.4890, -11.5801, 27.6351

Monochromacy



Original Color

209.5540, -30.3461, 26.7011

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5540, -30.3461, 26.7011 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(240, 206, 148)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 148)  
}
```

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(240, 206, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 148) }
```

Border

The CSS property to change the border of an element to YUV 209.5540, -30.3461, 26.7011 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(240, 206, 148) }
```


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

```
.border{ border-color:rgb(240, 206, 148) }
```

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

Here you see how a box with a 4 pixel rgb(240, 206, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 148);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 209.5540, -30.3461, 26.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 148) }
```

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

```
.background{ background-color: rgb(240,  
206, 148) }
```

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