

Converting Colors

YUV(209.0690, -41.4460,
40.2815)

Have a look what the booklet for
YUV(209.0690, -41.4460, 40.2815)
contains.

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Color

**YUV(209.0690, -41.4460,
40.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA7D
RGB	255, 202, 125
RGB Percent	100%, 79%, 49%
CMY	0.0000, 0.2078, 0.5098
CMYK	0.00, 0.21, 0.51, 0.00
HSL	36°, 100%, 75%
HSV	36°, 51%, 100%
XYZ	66.0622, 64.9817, 28.4629
YIQ	209.0690, 56.3050, -12.7110

Conversions

Conversions Part 2

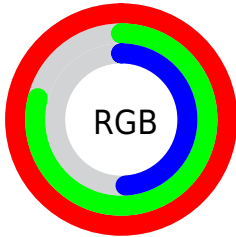
Format	Color
R _Y B	214, 255, 125
Decimal	16763517
CIE Lab	84.47, 9.82, 45.35
CIE LCh	84, 46.403, 77.778
Yxy	64.9817, 0.4142, 0.4074
Android (android.graphics.Color)	4294953597 (0xFFFFCA7D)
YUV	209.0690, -41.4460, 40.2815
Hunter-Lab	80.6112, 5.2139, 35.4932

Details

The YUV color $209.0690, -41.4460, 40.2815$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $170.9310, 41.4460, -40.2815$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3360, -33.1966, 7.5983$, and $153.9160, -39.3986, 36.9077$ is the 20% darker color. If you saturate the color by 10%, you get $200.3490, -49.4721, 47.9289$, and if you desaturate by 10%, it is $217.9030, -32.9832, 32.5341$.

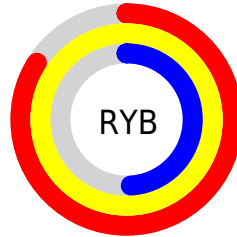
Distribution



Red (100%)

Green (79%)

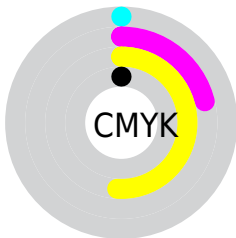
Blue (49%)



Red (84%)

Yellow (100%)

Blue (49%)

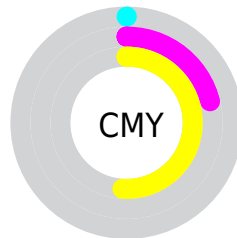


Cyan (0%)

Magenta (21%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.0690, -41.4460, 40.2815 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 209.0690, -41.4460, 40.2815 by changing the saturation by 10% instead.

209.0690,
-41.4460, 40.2815

209.0690,
-41.4460, 40.2815

255.0000, 0.0000,
0.0000

181.2860,
-40.5670, 38.3372

246.3360,
-33.1966, 7.5983

153.9160,
-39.3986, 36.9077

249.5280,
-20.9663, 4.7989

127.1330,
-38.5196, 34.9634

252.7200, -8.7360,
1.9996

101.5240,
-38.2193, 31.9895

76.6270, -37.7771,
30.1451

55.0530, -27.1411,
25.3865

34.6530, -17.0839,

19.5983

■ 14.5630, -7.1796,
16.1692

■ 0.0000, 0.0000,
0.0000

■ 209.0690,
-41.4460, 40.2815

■ 209.0690,
-41.4460, 40.2815

■ 200.3490,
-49.4721, 47.9289

■ 217.9030,
-32.9832, 32.5341

■ 190.9280,
-57.6455, 56.1911

■ 227.2100,
-25.2465, 24.3718

■ 182.2080,
-65.6715, 63.8386

■ 236.0440,
-16.7837, 16.6244

■ 172.7870,
-73.8450, 72.1008

■ 245.3510, -9.0470,
8.4622

■ 164.8820,
-81.2868, 79.0335

254.1850, -0.5842,
0.7148

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



202.8860, -27.0588, 45.7040



209.0690, -41.4460, 40.2815



204.8430, -38.8696, 7.1537

Triad

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



209.0690, -41.4460, 40.2815



167.8500, 33.5980, -136.6805



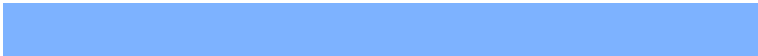
214.7520, 19.8423, 29.1585

Complementary

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



209.0690, -41.4460, 40.2815



170.9310, 41.4460, -40.2815

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.



206.5030, 23.9090, -15.3501



209.0690, -41.4460, 40.2815



164.0800, 44.8236, -143.8982

Square

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



209.0690, -41.4460, 40.2815



189.9400, 0.5226, -74.4924



191.6980, 31.2079, -69.8951



207.0650, 11.8000, 42.0390

Rectangle

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



209.0690, -41.4460, 40.2815



201.5670, -30.3525, -18.0373



191.6980, 31.2079, -69.8951



212.6040, 20.9012, 16.1333

Sweetspot

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



209.0690, -41.4460, 40.2815



241.2760, -11.9681, 12.0359



170.0260, 4.4242, 74.5222



119.5080, -7.1524, 7.4475



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.



209.0690, -41.4460, 40.2815



200.2350, -49.9089, 48.0289



236.8910, -55.1623, 6.2346



122.9960, -3.9420, 4.3885



123.4400, -60.8559, 59.2501



41.4420, -20.4309, 19.7834

Inverse Universe

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



170.9310, 41.4460, -40.2815



154.3520, 49.6195, -48.5437



143.1090, 55.1623, -6.2346



119.4170, 4.2314, -3.8737



67.5600, 60.8559, -59.2501



22.5580, 20.4309, -19.7834

Previews

White Background



This preview shows how the YUV color 209.0690, -41.4460, 40.2815 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 209.0690, -41.4460, 40.2815 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 209.0690, -41.4460, 40.2815

Background



This preview shows how black text looks on a background with the YUV color 209.0690, -41.4460, 40.2815.



This preview shows how white text looks on a background with the YUV color 209.0690, -41.4460,

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

209.0690, -41.4460, 40.2815

Protanopia

207.5180, -39.2024, 20.5937

Deuteranopia

209.5250, -39.6988, 39.8816



Tritanopia

214.4220, -3.1660, 35.5869

Trichromacy



Original Color

209.0690, -41.4460, 40.2815

Protanomaly

208.3340, -40.0977, 27.7711

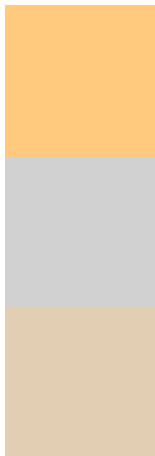
Deuteranomaly

209.4110, -40.1356, 39.9816

Tritanomaly

212.7630, -17.1382, 37.0418

Monochromacy



Original Color

209.0690, -41.4460, 40.2815

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.7880, -15.1785, 15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.0690, -41.4460, 40.2815 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(255, 202, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 125)  
}
```

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(255, 202, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 125) }
```

Border

The CSS property to change the border of an element to YUV 209.0690, -41.4460, 40.2815 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(255, 202, 125) }
```


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

```
.border{ border-color:rgb(255, 202, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 209.0690, -41.4460, 40.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 125) }
```

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

```
.background{ background-color: rgb(255,  
202, 125) }
```

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](#).

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