

Converting Colors

YUV(214.5080, -40.6764,
26.7415)

Have a look what the booklet for
YUV(214.5080, -40.6764, 26.7415)
contains.

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Color

**YUV(214.5080, -40.6764,
26.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D784
RGB	245, 215, 132
RGB Percent	96%, 84%, 52%
CMY	0.0392, 0.1569, 0.4824
CMYK	0.00, 0.12, 0.46, 0.04
HSL	44°, 85%, 74%
HSV	44°, 46%, 96%
XYZ	66.1215, 69.6793, 31.7943
YIQ	214.5080, 44.5230, -19.4530

Conversions

Conversions Part 2

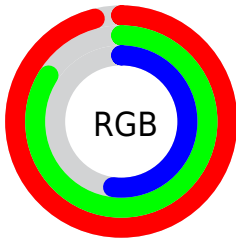
Format	Color
RYB	173, 245, 132
Decimal	16111492
CIELab	86.84, -0.24, 44.62
CIELCh	87, 44.623, 90.306
Yxy	69.6793, 0.3945, 0.4158
Android (android.graphics.Color)	4294301572 (0xFFFF5D784)
YUV	214.5080, -40.6764, 26.7415
Hunter-Lab	83.4741, -4.6864, 35.8491

Details

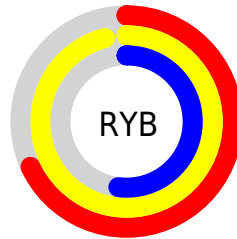
The YUV color $214.5080, -40.6764, 26.7415$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $162.4920, 40.6764, -26.7415$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1340, -30.1391, 6.8985$, and $158.9530, -38.9238, 24.5972$ is the 20% darker color. If you saturate the color by 10%, you get $207.6630, -49.1339, 32.7445$, and if you desaturate by 10%, it is $221.4670, -31.7822, 20.6384$.

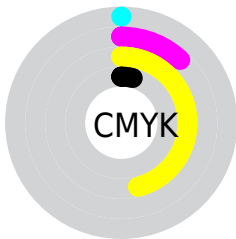
Distribution



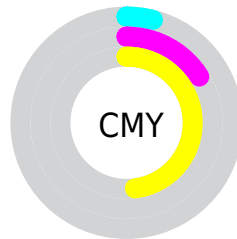
- Red (96%)
- Green (84%)
- Blue (52%)



- Red (68%)
- Yellow (96%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5080, -40.6764, 26.7415 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 214.5080, -40.6764, 26.7415 by changing the saturation by 10% instead.

214.5080,
-40.6764, 26.7415

214.5080,
-40.6764, 26.7415

255.0000, 0.0000,
0.0000

186.4370,
-39.6554, 25.9268

247.1340,
-30.1391, 6.8985

158.9530,
-38.9238, 24.5972

250.3260,
-17.9087, 4.0991

132.2840,
-37.6080, 22.5529

253.6320, -5.2416,
1.1997

106.5720,
-37.7500, 21.4234

81.1050, -39.4918,
20.0789

59.7160, -29.4400,
16.0351

39.6150, -19.5302,

10.8616

■ 20.6990, -10.2046,
6.4030

■ 0.0000, 0.0000,
0.0000

■ 214.5080,
-40.6764, 26.7415

■ 214.5080,
-40.6764, 26.7415

■ 207.6630,
-49.1339, 32.7445

■ 221.4670,
-31.7822, 20.6384

■ 201.2910,
-58.3175, 38.3328

■ 227.7250,
-23.0354, 15.1502

■ 194.4460,
-66.7749, 44.3359

■ 234.6840,
-14.1412, 9.0471

■ 188.0740,
-75.9585, 49.9241

■ 240.9420, -5.3944,
3.5589

■ 181.2290,
-84.4159, 55.9272

■ 247.9010, 3.4998,
-2.5442

■ 178.9150,
-88.2051, 57.9565

■ 251.4230, 1.7635,
-5.6330

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



210.1750, -32.1313, 39.3115



214.5080, -40.6764, 26.7415



210.2370, -33.1478, -8.1008

Triad

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



214.5080, -40.6764, 26.7415



181.3230, 36.3228, -123.9403



218.0190, 18.2316, 32.4323

Complementary

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



214.5080, -40.6764, 26.7415



162.4920, 40.6764, -26.7415

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.



216.6690, 18.8972, 5.5523



214.5080, -40.6764, 26.7415



190.3590, 31.8680, -95.0308

Square

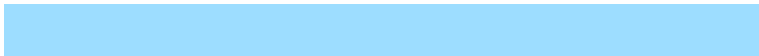
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.5080, -40.6764, 26.7415



193.3110, 11.1857, -87.9727



205.7400, 24.2852, -42.7450



209.8060, 4.5326, 39.6351

Rectangle

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



214.5080, -40.6764, 26.7415



206.0580, -21.7206, -33.3769



205.7400, 24.2852, -42.7450



220.3670, 17.0741, 30.3731

Sweetspot

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



214.5080, -40.6764, 26.7415



245.6130, -13.1202, 8.2324



169.2070, -3.5531, 66.4705



121.9700, -7.8732, 5.2883



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.



214.5080, -40.6764, 26.7415



217.3210, -50.4443, 33.0445



224.3440, -45.5256, -4.6867



118.8710, -4.3734, 2.7441



136.0330, -67.0643, 43.8211



42.8820, -21.1408, 14.1355

Inverse Universe

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



162.4920, 40.6764, -26.7415



152.6790, 50.4443, -33.0445



152.6560, 45.5256, 4.6867



113.1290, 4.3734, -2.7441



49.9670, 67.0643, -43.8211



16.1180, 21.1408, -14.1355

Previews

White Background



This preview shows how the YUV color 214.5080, -40.6764, 26.7415 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 214.5080, -40.6764, 26.7415 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 214.5080, -40.6764, 26.7415

Background



This preview shows how black text looks on a background with the YUV color 214.5080, -40.6764, 26.7415.



This preview shows how white text looks on a background with the YUV color 214.5080, -40.6764, 26.7415.

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

214.5080, -40.6764, 26.7415

Protanopia

214.2900, -40.0760, 20.7937

Deuteranopia

217.1850, -30.6572, 33.1638



Tritanopia

220.7740, -0.3816, 29.1392

Trichromacy



Original Color

214.5080, -40.6764, 26.7415

Protanomaly

214.6000, -40.2288, 23.1528

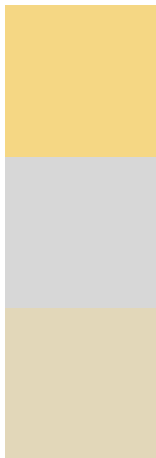
Deuteranomaly

216.2510, -34.1407, 30.4749

Tritanomaly

218.5770, -15.0745, 28.4350

Monochromacy



Original Color

214.5080, -40.6764, 26.7415

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.8690, -14.7254, 9.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5080, -40.6764, 26.7415 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(245, 215, 132)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 132)  
}
```

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(245, 215, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 132) }
```

Border

The CSS property to change the border of an element to YUV 214.5080, -40.6764, 26.7415 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(245, 215, 132) }
```


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

```
.border{ border-color:rgb(245, 215, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 132);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 214.5080, -40.6764, 26.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 132) }
```

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

```
.background{ background-color: rgb(245,  
215, 132) }
```

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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