

Converting Colors

YUV(214.5040, -27.8565,
21.4830)

Have a look what the booklet for
YUV(214.5040, -27.8565, 21.4830)
contains.

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Color

**YUV(214.5040, -27.8565,
21.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD59E
RGB	239, 213, 158
RGB Percent	94%, 84%, 62%
CMY	0.0627, 0.1647, 0.3804
CMYK	0.00, 0.11, 0.34, 0.06
HSL	41°, 72%, 78%
HSV	41°, 34%, 94%
XYZ	65.5624, 68.4078, 42.0963
YIQ	214.5040, 33.1510, -11.5930

Conversions

Conversions Part 2

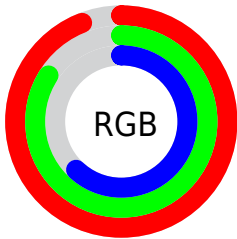
Format	Color
R _Y B	196, 239, 158
Decimal	15717790
CIE Lab	86.21, 1.22, 30.52
CIE LCh	86, 30.549, 87.706
Yxy	68.4078, 0.3724, 0.3885
Android (android.graphics.Color)	4293907870 (0xFFEFD59E)
YUV	214.5040, -27.8565, 21.4830
Hunter-Lab	82.7090, -3.2461, 27.7196

Details

The YUV color $214.5040, -27.8565, 21.4830$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $182.4960, 27.8565, -21.4830$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, -18.3455, 4.1991$, and $159.2480, -26.2513, 19.9535$ is the 20% darker color. If you saturate the color by 10%, you get $207.0720, -36.0245, 28.0009$, and if you desaturate by 10%, it is $221.9360, -19.6884, 14.9651$.

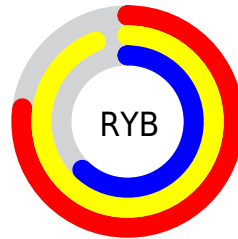
Distribution



Red (94%)

Green (84%)

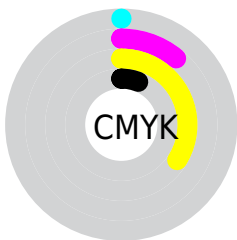
Blue (62%)



Red (77%)

Yellow (94%)

Blue (62%)

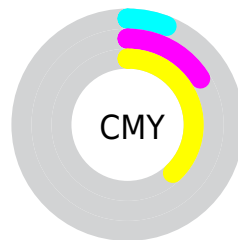


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5040, -27.8565, 21.4830 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 214.5040, -27.8565, 21.4830 by changing the saturation by 10% instead.

■ 214.5040,
-27.8565, 21.4830

■ 214.5040,
-27.8565, 21.4830

255.0000, 0.0000,
0.0000

■ 186.4330,
-26.8355, 20.6683

■ 250.2120,
-18.3455, 4.1991

■ 159.2480,
-26.2513, 19.9535

■ 253.5180, -5.6784,
1.2997

■ 132.7640,
-25.5197, 18.6240

■ 107.3940,
-24.3512, 17.1945

■ 82.9100, -23.6196,
15.8649

■ 59.3120, -23.3248,
14.6354

■ 38.4410, -18.9514,

11.8912

■ 18.9380, -9.3364,
7.9474

■ 0.0000, 0.0000,
0.0000

■ 214.5040,
-27.8565, 21.4830

■ 214.5040,
-27.8565, 21.4830

■ 207.0720,
-36.0245, 28.0009

■ 221.9360,
-19.6884, 14.9651

■ 200.2270,
-44.4819, 34.0039

■ 228.7810,
-11.2310, 8.9621

■ 192.7950,
-52.6499, 40.5218

■ 236.2130, -3.0630,
2.4442

■ 185.3630,
-60.8180, 47.0396

■ 243.6450, 5.1050,
-4.0737

■ 178.6320,
-68.8386, 52.9427

■ 247.8680, 3.5161,
-7.7772

■ 171.2000,
-77.0066, 59.4606

■ 250.2160, 2.3585,
-9.8364

■ 166.5550,
-82.1116, 63.5343

Harmonies

Analogous

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



214.5580, -22.9531, 35.4676



214.5040, -27.8565, 21.4830



211.2020, -23.2706, -2.8082

Triad

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



214.5040, -27.8565, 21.4830



202.0550, 19.6929, -63.1922



220.6070, 13.0117, 26.6547

Complementary

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



214.5040, -27.8565, 21.4830



182.4960, 27.8565, -21.4830

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.



216.6360, 18.9135, 0.3192



214.5040, -27.8565, 21.4830



204.7770, 24.7599, -55.0554

Square

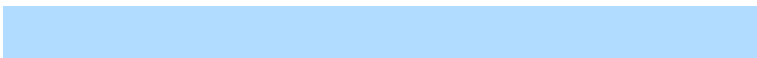
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.5040, -27.8565, 21.4830



203.7070, 4.0884, -51.4860



210.5460, 21.9158, -29.4198



215.6760, 1.6387, 34.4871

Rectangle

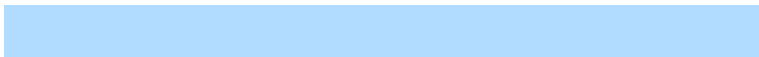
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.5040, -27.8565, 21.4830



208.9270, -16.2330, -20.1070



210.5460, 21.9158, -29.4198



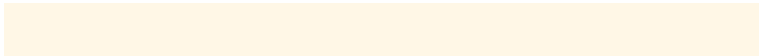
220.2900, 17.1120, 18.1627

Sweetspot

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



214.5040, -27.8565, 21.4830



247.4540, -8.6048, 6.6178



185.2970, -0.1464, 47.0975



123.2410, -5.5418, 4.1736



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.



214.5040, -27.8565, 21.4830



223.0720, -36.0245, 28.0009



225.5800, -33.3169, -0.5087



116.2840, -4.0840, 3.2589



128.3910, -63.2968, 48.7691



39.0500, -19.2516, 14.8652

Inverse Universe

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



182.4960, 27.8565, -21.4830



181.9280, 36.0245, -28.0009



171.1210, 33.4643, -0.1061



111.7160, 4.0840, -3.2589



55.6090, 63.2968, -48.7691



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 214.5040, -27.8565, 21.4830 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 214.5040, -27.8565, 21.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

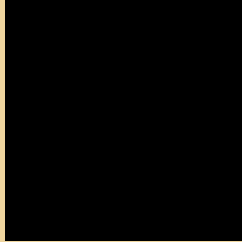
Any Text WCAG AA ✓ Pass

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 214.5040, -27.8565, 21.4830 Background



This preview shows how black text looks on a background with the YUV color 214.5040, -27.8565, 21.4830.



This preview shows how white text looks on a background with the YUV color 214.5040, -27.8565, 21.4830.

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

214.5040, -27.8565, 21.4830

Protanopia

214.2860, -27.2560, 15.5352

Deuteranopia

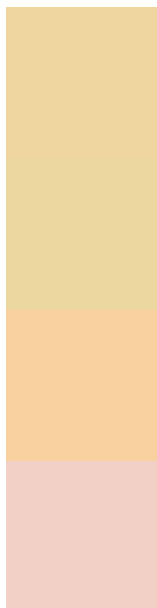
215.8800, -28.0418, 34.3082



Tritanopia

219.0830, 0.9451, 23.6062

Trichromacy



Original Color

214.5040, -27.8565, 21.4830

Protanomaly

214.5960, -27.4088, 17.8943

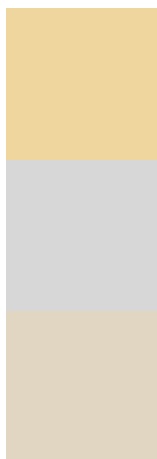
Deuteranomaly

215.2600, -27.7362, 29.5900

Tritanomaly

217.3250, -9.5272, 22.5170

Monochromacy



Original Color

214.5040, -27.8565, 21.4830

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.7100, -10.2100, 8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5040, -27.8565, 21.4830 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, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 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(239, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 158) }
```

Border

The CSS property to change the border of an element to YUV 214.5040, -27.8565, 21.4830 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, 213, 158) }
```


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

```
.border{ border-color:rgb(239, 213, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 158);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 214.5040, -27.8565, 21.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 158) }
```

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

```
.background{ background-color: rgb(239,  
213, 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](#).

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