

Converting Colors

YUV(218.9840, -15.7681,
17.5540)

Have a look what the booklet for
YUV(218.9840, -15.7681, 17.5540)
contains.

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Color

**YUV(218.9840, -15.7681,
17.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD7BB
RGB	239, 215, 187
RGB Percent	94%, 84%, 73%
CMY	0.0627, 0.1569, 0.2667
CMYK	0.00, 0.10, 0.22, 0.06
HSL	32°, 62%, 84%
HSV	32°, 22%, 94%
XYZ	68.8667, 70.5395, 56.9995
YIQ	218.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

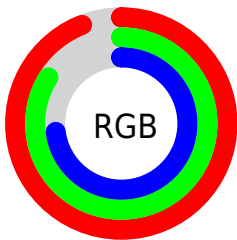
Format	Color
R _Y B	232, 239, 187
Decimal	15718331
CIE Lab	87.26, 3.99, 16.85
CIE LCh	87, 17.314, 76.664
Yxy	70.5395, 0.3506, 0.3592
Android (android.graphics.Color)	4293908411 (0xFFEFD7BB)
YUV	218.9840, -15.7681, 17.5540
Hunter-Lab	83.9878, -0.6156, 18.5534

Details

The YUV color $218.9840, -15.7681, 17.5540$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $207.0160, 15.7681, -17.5540$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $163.9130, -14.7471, 16.7393$ is the 20% darker color. If you saturate the color by 10%, you get $209.7910, -23.0680, 25.6163$, and if you desaturate by 10%, it is $228.1770, -8.4683, 9.4918$.

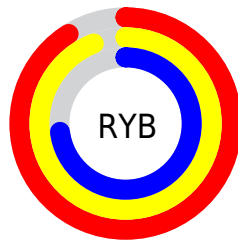
Distribution



Red (94%)

Green (84%)

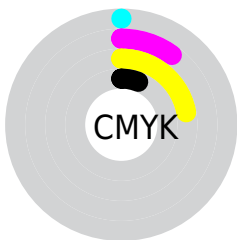
Blue (73%)



Red (91%)

Yellow (94%)

Blue (73%)

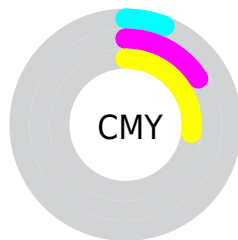


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.9840, -15.7681, 17.5540 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 218.9840, -15.7681, 17.5540 by changing the saturation by 10% instead.

■ 218.9840,
-15.7681, 17.5540

■ 218.9840,
-15.7681, 17.5540

255.0000, 0.0000,
0.0000

■ 190.7990,
-15.1839, 16.8393

■ 253.6320, -5.2416,
1.1997

■ 163.9130,
-14.7471, 16.7393

■ 137.3150,
-14.4523, 15.5097

■ 112.1300,
-13.8681, 14.7950

■ 87.6460, -13.1365,
13.4655

■ 64.4610, -12.5523,
12.7507

■ 41.9770, -11.8207,

11.4212

■ 21.0200, -10.3629,
10.5065

■ 0.0000, 0.0000,
0.0000

■ 218.9840,
-15.7681, 17.5540

■ 218.9840,
-15.7681, 17.5540

■ 209.7910,
-23.0680, 25.6163

■ 228.1770, -8.4683,
9.4918

■ 200.5980,
-30.3678, 33.6786

■ 237.3700, -1.1684,
1.4295

■ 191.4050,
-37.6677, 41.7408

■ 246.1070, 4.3842,
-6.2328

■ 182.2120,
-44.9675, 49.8031

■ 250.2160, 2.3585,
-9.8364

■ 173.0190,
-52.2674, 57.8653

■ 163.9400,
-59.1304, 65.8276

■ 154.7470,
-66.4303, 73.8899

■ 147.1840,
-72.5617, 80.5226

Harmonies

Analogous

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



220.2500, -12.4482, 26.0908



218.9840, -15.7681, 17.5540



216.8360, -14.7091, 4.5288

Triad

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



218.9840, -15.7681, 17.5540



212.6370, 7.0810, -31.2536



221.5850, 9.5716, 10.0110

Complementary

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



218.9840, -15.7681, 17.5540



207.0160, 15.7681, -17.5540

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.



219.2670, 15.1514, -6.3732



218.9840, -15.7681, 17.5540



213.7710, 13.9169, -30.4942

Square

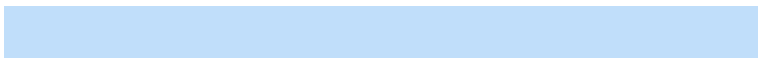
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.9840, -15.7681, 17.5540



213.3900, -1.6713, -24.0210



216.2220, 16.6526, -21.2427



222.1260, 2.4029, 22.6915

Rectangle

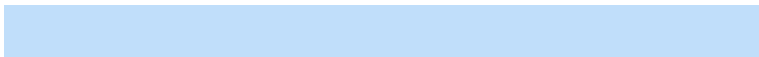
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.9840, -15.7681, 17.5540



215.8670, -11.7664, -6.0224



216.2220, 16.6526, -21.2427



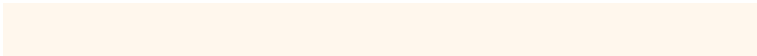
220.5350, 12.0612, 4.7928

Sweetspot

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



218.9840, -15.7681, 17.5540



248.2520, -5.5472, 5.9180



205.2840, 2.8180, 29.5689



123.8110, -3.3578, 3.6738



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.



218.9840, -15.7681, 17.5540



229.2790, -19.8575, 22.5573



232.4740, -22.4187, 3.9693



115.1100, -3.5052, 4.2885



113.1290, -55.7726, 62.1539



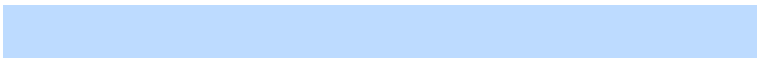
34.3540, -16.9365, 18.9835

Inverse Universe

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



207.0160, 15.7681, -17.5540



214.1340, 20.1469, -22.0425



193.5260, 22.4187, -3.9693



112.3030, 3.7946, -3.7737



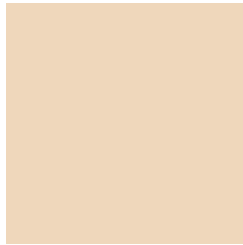
70.8710, 55.7726, -62.1539



21.6460, 16.9365, -18.9835

Previews

White Background



This preview shows how the YUV color 218.9840, -15.7681, 17.5540 looks on a white background.

Color Contrast Check

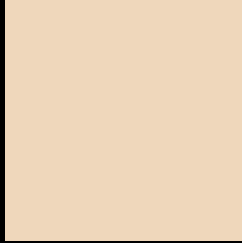
Large Text (above 18pt) WCAG AA × Fail

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 218.9840, -15.7681, 17.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

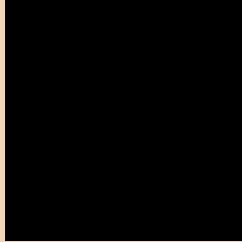
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.9840, -15.7681, 17.5540

Background



This preview shows how black text looks on a background with the YUV color 218.9840, -15.7681, 17.5540.



This preview shows how white text looks on a background with the YUV color 218.9840, -15.7681, 17.5540.

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

218.9840, -15.7681, 17.5540

Protanopia

218.2820, -14.4360, 10.2767

Deuteranopia

220.3380, -15.9426, 26.8906



Tritanopia

221.4030, 2.2663, 19.8176

Trichromacy



Original Color

218.9840, -15.7681, 17.5540

Protanomaly

218.4780, -15.0257, 12.7358

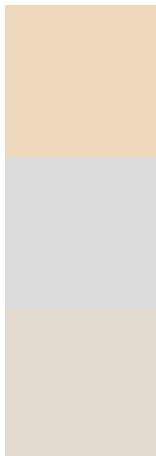
Deuteranomaly

219.7290, -15.6424, 23.9167

Tritanomaly

220.3830, -4.1328, 18.9581

Monochromacy



Original Color

218.9840, -15.7681, 17.5540

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.9840, -15.7681, 17.5540 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, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(239, 215, 187)  
}
```

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, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 215, 187) }
```

Border

The CSS property to change the border of an element to YUV 218.9840, -15.7681, 17.5540 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, 215, 187) }
```


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

```
.border{ border-color:rgb(239, 215, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 215, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(239, 215,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 218.9840, -15.7681, 17.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 215, 187) }
```

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

```
.background{ background-color: rgb(239,  
215, 187) }
```

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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