

Converting Colors

YUV(218.1680, -14.8728,
10.3767)

Have a look what the booklet for
YUV(218.1680, -14.8728, 10.3767)
contains.

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Color

**YUV(218.1680, -14.8728,
10.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DABC
RGB	230, 218, 188
RGB Percent	90%, 85%, 74%
CMY	0.0980, 0.1451, 0.2627
CMYK	0.00, 0.05, 0.18, 0.10
HSL	43°, 46%, 82%
HSV	43°, 18%, 90%
XYZ	66.7816, 70.5966, 57.6837
YIQ	218.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

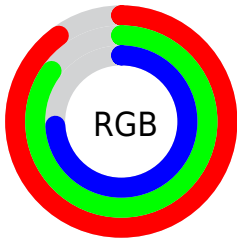
Format	Color
R_{YB}	205, 230, 188
Decimal	15129276
CIE _{Lab}	87.29, -0.71, 16.25
CIE _{LCh}	87, 16.268, 92.484
Yxy	70.5966, 0.3424, 0.3619
Android (android.graphics.Color)	4293319356 (0xFFE6DABC)
YUV	218.1680, -14.8728, 10.3767
Hunter-Lab	84.0218, -5.1640, 18.1108

Details

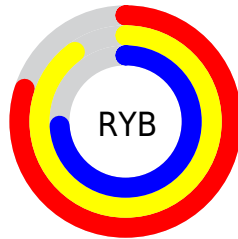
The YUV color $218.1680, -14.8728, 10.3767$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $199.8320, 14.8728, -10.3767$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $163.0970, -13.8518, 9.5619$ is the 20% darker color. If you saturate the color by 10%, you get $211.4370, -22.8934, 16.2798$, and if you desaturate by 10%, it is $224.8990, -6.8522, 4.4736$.

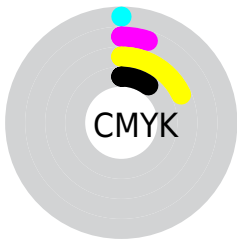
Distribution



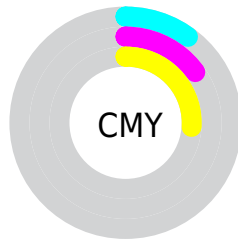
- Red (90%)
- Green (85%)
- Blue (74%)



- Red (80%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1680, -14.8728, 10.3767 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 218.1680, -14.8728, 10.3767 by changing the saturation by 10% instead.

■ 218.1680,
-14.8728, 10.3767

■ 218.1680,
-14.8728, 10.3767

255.0000, 0.0000,
0.0000

■ 190.2820,
-14.4360, 10.2767

■ 253.7460, -4.8048,
1.0998

■ 163.0970,
-13.8518, 9.5619

■ 136.7980,
-13.7044, 8.9472

■ 111.6130,
-13.1202, 8.2324

■ 86.8410, -12.2466,
8.0324

■ 63.5420, -12.0992,
7.4177

■ 41.4710, -11.0782,

6.6029

■ 21.2860, -10.4940,
5.8882

■ 0.0000, 0.0000,
0.0000

■ 218.1680,
-14.8728, 10.3767

■ 218.1680,
-14.8728, 10.3767

■ 211.4370,
-22.8934, 16.2798

■ 224.8990, -6.8522,
4.4736

■ 205.2930,
-31.2034, 21.6680

■ 231.0430, 1.4578,
-0.9147

■ 198.5620,
-39.2241, 27.5711

■ 237.5460, 8.6048,
-6.6178

■ 192.4180,
-47.5341, 32.9594

■ 241.0680, 6.8685,
-9.7066

■ 185.6870,
-55.5547, 38.8625

■ 245.1770, 4.8427,
-13.3102

■ 179.5430,
-63.8647, 44.2508

■ 247.5250, 3.6852,
-15.3694

■ 172.8120,
-71.8853, 50.1539

■ 166.0810,
-79.9059, 56.0570

■ 165.0380,
-81.3637, 56.9717

Harmonies

Analogous

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



219.8750, -13.7424, 21.1576



218.1680, -14.8728, 10.3767



216.4760, -12.0667, -3.0485

Triad

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



218.1680, -14.8728, 10.3767



213.5600, 10.5699, -30.3091



221.5920, 5.6241, 16.1438

Complementary

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



218.1680, -14.8728, 10.3767



199.8320, 14.8728, -10.3767

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.



220.2250, 12.2141, 2.4337



218.1680, -14.8728, 10.3767



215.4450, 15.0636, -24.9463

Square

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



218.1680, -14.8728, 10.3767



213.5190, 2.7021, -26.7652



218.5220, 15.0257, -12.7358



221.6980, -1.8231, 24.8209

Rectangle

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



218.1680, -14.8728, 10.3767



214.9740, -7.3822, -12.2552



218.5220, 15.0257, -12.7358



221.2540, 8.2558, 12.0552

Sweetspot

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



218.1680, -14.8728, 10.3767



251.1700, -4.5208, 3.3589



202.0400, -0.5127, 24.5209



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



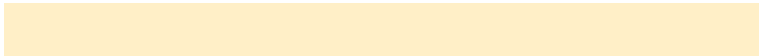
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.1680, -14.8728, 10.3767



239.2240, -19.8304, 13.8356



222.8200, -17.1663, -0.7191



111.2840, -4.0840, 3.2589



128.0700, -63.1385, 44.6656



36.3810, -17.9358, 12.8209

Inverse Universe

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



199.8320, 14.8728, -10.3767



214.7760, 19.8304, -13.8356



195.1800, 17.1663, 0.7191



106.7160, 4.0840, -3.2589



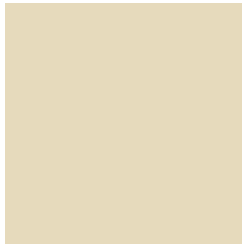
50.3430, 63.4279, -44.1508



14.6190, 17.9358, -12.8209

Previews

White Background



This preview shows how the YUV color 218.1680, -14.8728, 10.3767 looks on a white background.

Color Contrast Check

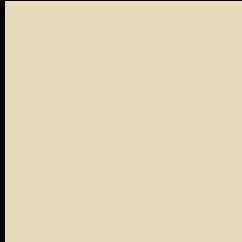
Large Text (above 18pt) WCAG AA × Fail

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 218.1680, -14.8728, 10.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

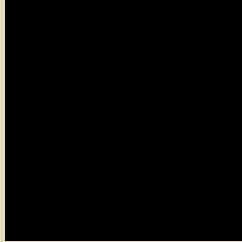
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.1680, -14.8728, 10.3767

Background



This preview shows how black text looks on a background with the YUV color 218.1680, -14.8728, 10.3767.

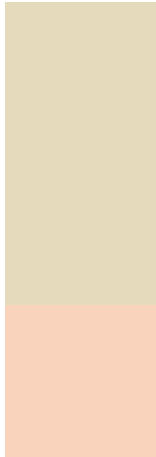


This preview shows how white text looks on a background with the YUV color 218.1680, -14.8728, 10.3767.

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

218.1680, -14.8728, 10.3767

Protanopia

218.1680, -14.8728, 10.3767

Deuteranopia

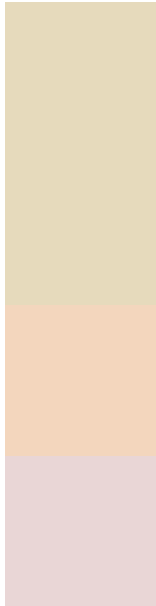
220.1530, -15.3584, 26.1758



Tritanopia

220.8150, 4.0352, 12.4402

Trichromacy



Original Color

218.1680, -14.8728, 10.3767

Protanomaly

218.1680, -14.8728, 10.3767

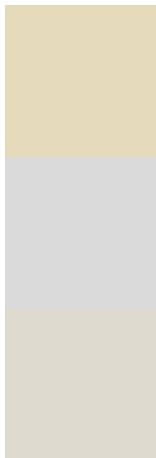
Deuteranomaly

219.8210, -15.1948, 20.3280

Tritanomaly

219.6810, -2.8007, 11.6808

Monochromacy



Original Color

218.1680, -14.8728, 10.3767

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1680, -14.8728, 10.3767 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(230, 218, 188)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 188)  
}
```

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(230, 218, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 188) }
```

Border

The CSS property to change the border of an element to YUV 218.1680, -14.8728, 10.3767 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(230, 218, 188) }
```


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

```
.border{ border-color:rgb(230, 218, 188) }
```

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

Here you see how a box with a 4 pixel rgb(230, 218, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 188);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 218.1680, -14.8728, 10.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 188) }
```

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

```
.background{ background-color: rgb(230,  
218, 188) }
```

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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