

Converting Colors

YUV(221.8760, -18.6729,
15.8947)

Have a look what the booklet for
YUV(221.8760, -18.6729, 15.8947)
contains.

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Color

**YUV(221.8760, -18.6729,
15.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DCB8
RGB	240, 220, 184
RGB Percent	94%, 86%, 72%
CMY	0.0588, 0.1373, 0.2784
CMYK	0.00, 0.08, 0.23, 0.06
HSL	39°, 65%, 83%
HSV	39°, 23%, 94%
XYZ	70.1801, 73.1724, 55.7722
YIQ	221.8760, 23.4760, -6.9560

Conversions

Conversions Part 2

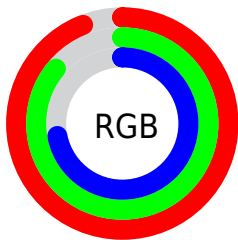
Format	Color
R _Y B	215, 240, 184
Decimal	15785144
CIE Lab	88.53, 1.36, 20.20
CIE LCh	89, 20.247, 86.147
Yxy	73.1724, 0.3524, 0.3675
Android (android.graphics.Color)	4293975224 (0xFFF0DCB8)
YUV	221.8760, -18.6729, 15.8947
Hunter-Lab	85.5408, -3.2501, 21.2218

Details

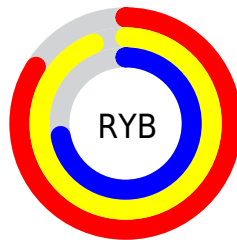
The YUV color $221.8760, -18.6729, 15.8947$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $202.1240, 18.6729, -15.8947$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2900, -6.5520, 1.4997$, and $166.5060, -17.5045, 14.4652$ is the 20% darker color. If you saturate the color by 10%, you get $213.8570, -26.5515, 22.9274$, and if you desaturate by 10%, it is $229.8950, -10.7942, 8.8621$.

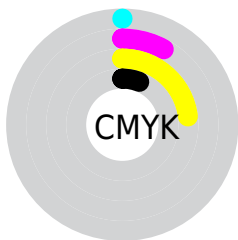
Distribution



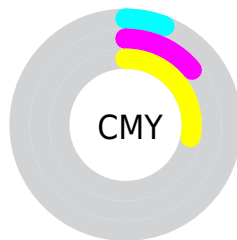
- Red (94%)
- Green (86%)
- Blue (72%)



- Red (84%)
- Yellow (94%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8760, -18.6729, 15.8947 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 221.8760, -18.6729, 15.8947 by changing the saturation by 10% instead.

■ 221.8760,
-18.6729, 15.8947

■ 221.8760,
-18.6729, 15.8947

255.0000, 0.0000,
0.0000

■ 193.6910,
-18.0887, 15.1800

■ 253.2900, -6.5520,
1.4997

■ 166.5060,
-17.5045, 14.4652

■ 140.3210,
-16.9203, 13.7505

■ 114.4350,
-16.4835, 13.6505

■ 89.9510, -15.7518,
12.3210

■ 66.4670, -15.0202,
10.9914

■ 43.9830, -14.2886,

9.6619

■ 23.6670, -11.6678,
9.0620

■ 0.0000, 0.0000,
0.0000

■ 221.8760,
-18.6729, 15.8947

■ 221.8760,
-18.6729, 15.8947

■ 213.8570,
-26.5515, 22.9274

■ 229.8950,
-10.7942, 8.8621

■ 206.4250,
-34.7195, 29.4453

■ 237.3270, -2.6262,
2.3442

■ 198.4060,
-42.5982, 36.4779

■ 245.2320, 4.8156,
-4.5885

■ 190.9740,
-50.7662, 42.9958

■ 249.9280, 2.5005,
-8.7069

■ 182.9550,
-58.6448, 50.0285

■ 250.5150, 2.2111,
-9.2217

■ 175.5230,
-66.8128, 56.5463

■ 167.5040,
-74.6915, 63.5790

■ 162.1580,
-79.9439, 68.2674

Harmonies

Analogous

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



223.6370, -16.0900, 27.5054



221.8760, -18.6729, 15.8947



219.4610, -16.0033, -0.4043

Triad

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



221.8760, -18.6729, 15.8947



215.0320, 11.3232, -38.6161



225.5150, 9.1131, 17.0883

Complementary

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



221.8760, -18.6729, 15.8947



202.1240, 18.6729, -15.8947

Split Complementary

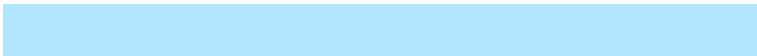
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.7130, 15.4245, -0.6253



221.8760, -18.6729, 15.8947



217.1880, 18.1483, -34.3679

Square

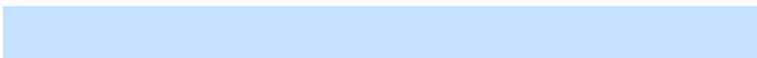
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.8760, -18.6729, 15.8947



215.2580, 1.8448, -31.7983



220.3470, 17.0839, -19.5983



224.5780, 0.2080, 26.6801

Rectangle

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



221.8760, -18.6729, 15.8947



218.2360, -11.4553, -12.4850



220.3470, 17.0839, -19.5983



225.1660, 11.7502, 11.2554

Sweetspot

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



221.8760, -18.6729, 15.8947



249.4260, -6.1260, 4.8884



203.1380, 0.9180, 32.3280



124.3980, -3.6472, 3.1590



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.



221.8760, -18.6729, 15.8947



232.2310, -23.7779, 19.9684



231.5230, -23.4288, 1.2953



116.2840, -4.0840, 3.2589



124.2820, -61.2710, 52.3727



37.8760, -18.6729, 15.8947

Inverse Universe

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



202.1240, 18.6729, -15.8947



206.7690, 23.7779, -19.9684



192.4770, 23.4288, -1.2953



111.7160, 4.0840, -3.2589



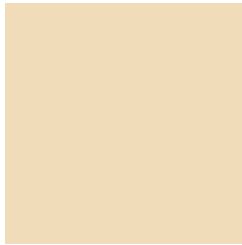
59.7180, 61.2710, -52.3727



18.1240, 18.6729, -15.8947

Previews

White Background



This preview shows how the YUV color 221.8760, -18.6729, 15.8947 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 221.8760, -18.6729, 15.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

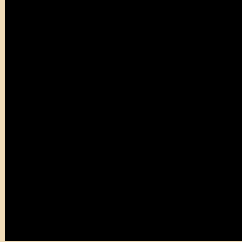
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.8760, -18.6729, 15.8947

Background



This preview shows how black text looks on a background with the YUV color 221.8760, -18.6729, 15.8947.



This preview shows how white text looks on a background with the YUV color 221.8760, -18.6729, 15.8947.

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

221.8760, -18.6729, 15.8947

Protanopia

221.6690, -18.0778, 11.6913

Deuteranopia

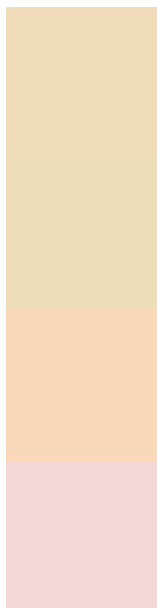
223.1810, -17.8372, 27.9053



Tritanopia

225.3920, 2.2717, 18.0732

Trichromacy



Original Color

221.8760, -18.6729, 15.8947

Protanomaly

221.6800, -18.0832, 13.4356

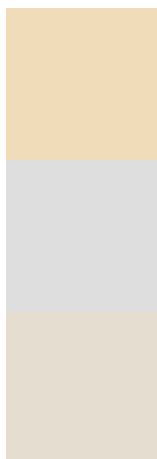
Deuteranomaly

222.7460, -18.1158, 23.9018

Tritanomaly

224.0300, -5.4378, 17.5137

Monochromacy



Original Color

221.8760, -18.6729, 15.8947

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8760, -18.6729, 15.8947 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(240, 220, 184)` looks like.

```
.text, #text, p{  
    color:rgb(240, 220, 184)  
}
```

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(240, 220, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 220, 184) }
```

Border

The CSS property to change the border of an element to YUV 221.8760, -18.6729, 15.8947 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(240, 220, 184) }
```


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

```
.border{ border-color:rgb(240, 220, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 220, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 220, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 220, 184); box-shadow:4px 4px 4px 4px rgb(240, 220, 184) }
```

Background

The CSS property to change the background color of an element to YUV 221.8760, -18.6729, 15.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 220, 184) }
```

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

```
.background{ background-color: rgb(240,  
220, 184) }
```

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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