

Converting Colors

YUV(217.2830, -15.9155,
18.1688)

Have a look what the booklet for
YUV(217.2830, -15.9155, 18.1688)
contains.

YUV(217.2830, -15.9155, 18.1688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.2830, -15.9155,
18.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	EED5B9
RGB	238, 213, 185
RGB Percent	93%, 84%, 73%
CMY	0.0667, 0.1647, 0.2745
CMYK	0.00, 0.11, 0.22, 0.07
HSL	32°, 61%, 83%
HSV	32°, 22%, 93%
XYZ	67.8111, 69.2684, 55.6951
YIQ	217.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

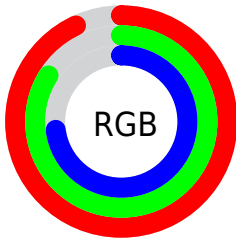
Format	Color
R _Y B	232, 238, 185
Decimal	15652281
CIE Lab	86.64, 4.38, 17.01
CIE LCh	87, 17.565, 75.570
Yxy	69.2684, 0.3518, 0.3593
Android (android.graphics.Color)	4293842361 (0xFFEED5B9)
YUV	217.2830, -15.9155, 18.1688
Hunter-Lab	83.2277, -0.2126, 18.5831

Details

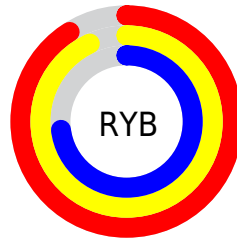
The YUV color $217.2830, -15.9155, 18.1688$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $205.7170, 15.9155, -18.1688$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $162.2120, -14.8945, 17.3541$ is the 20% darker color. If you saturate the color by 10%, you get $208.0900, -23.2154, 26.2311$, and if you desaturate by 10%, it is $226.4760, -8.6157, 10.1065$.

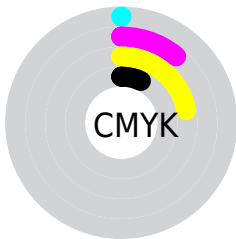
Distribution



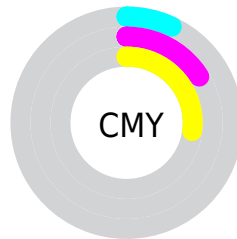
- Red (93%)
- Green (84%)
- Blue (73%)



- Red (91%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2830, -15.9155, 18.1688 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 217.2830, -15.9155, 18.1688 by changing the saturation by 10% instead.

■ 217.2830,
-15.9155, 18.1688

■ 217.2830,
-15.9155, 18.1688

255.0000, 0.0000,
0.0000

■ 189.0980,
-15.3313, 17.4541

■ 253.4040, -6.1152,
1.3997

■ 162.2120,
-14.8945, 17.3541

■ 135.7280,
-14.1629, 16.0245

■ 110.4290,
-14.0155, 15.4098

■ 85.9450, -13.2839,
14.0802

■ 62.7600, -12.6997,
13.3655

■ 40.2760, -11.9681,

12.0359

■ 20.1340, -9.9261,
10.4065

■ 0.0000, 0.0000,
0.0000

■ 217.2830,
-15.9155, 18.1688

■ 217.2830,
-15.9155, 18.1688

■ 208.0900,
-23.2154, 26.2311

■ 226.4760, -8.6157,
10.1065

■ 198.8970,
-30.5152, 34.2933

■ 235.6690, -1.3158,
2.0443

■ 189.2310,
-37.0889, 42.7704

■ 245.2210, 4.8210,
-6.3328

■ 180.0380,
-44.3887, 50.8327

■ 249.9170, 2.5059,
-10.4512

■ 170.8450,
-51.6886, 58.8949

■ 161.6520,
-58.9884, 66.9572

■ 151.8720,
-65.9989, 75.5343

■ 145.1240,
-71.5461, 81.4523

Harmonies

Analogous

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



218.6630, -12.1589, 26.6055



217.2830, -15.9155, 18.1688



215.7220, -15.1459, 4.6288

Triad

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



217.2830, -15.9155, 18.1688



211.2240, 6.7916, -31.7684



219.6990, 10.0084, 9.9110

Complementary

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



217.2830, -15.9155, 18.1688



205.7170, 15.9155, -18.1688

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.



217.3810, 15.5882, -6.4731



217.2830, -15.9155, 18.1688



212.0590, 13.7749, -31.6237

Square

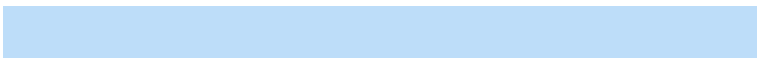
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.2830, -15.9155, 18.1688



211.6890, -1.8187, -23.4063



214.6240, 16.9474, -22.4722



220.2400, 2.8397, 22.5915

Rectangle

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



217.2830, -15.9155, 18.1688



214.1660, -11.9138, -5.4076



214.6240, 16.9474, -22.4722



219.2360, 12.2087, 4.1780

Sweetspot

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



217.2830, -15.9155, 18.1688



248.2520, -5.5472, 5.9180



203.8110, 3.5442, 29.9838



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.



217.2830, -15.9155, 18.1688



228.3500, -20.8785, 23.3721



231.6590, -23.0029, 4.6841



115.1100, -3.5052, 4.2885



111.9550, -55.1938, 63.1835



34.3540, -16.9365, 18.9835

Inverse Universe

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



205.7170, 15.9155, -18.1688



213.2370, 20.5892, -23.8868



191.3410, 23.0029, -4.6841



112.8900, 3.5052, -4.2885



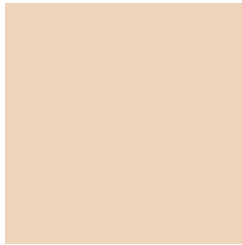
72.0450, 55.1938, -63.1835



21.6460, 16.9365, -18.9835

Previews

White Background



This preview shows how the YUV color 217.2830, -15.9155, 18.1688 looks on a white background.

Color Contrast Check

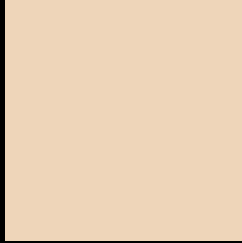
Large Text (above 18pt) WCAG AA × Fail

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 217.2830, -15.9155, 18.1688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

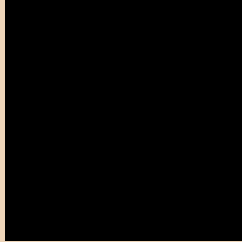
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.2830, -15.9155, 18.1688

Background



This preview shows how black text looks on a background with the YUV color 217.2830, -15.9155, 18.1688.



This preview shows how white text looks on a background with the YUV color 217.2830, -15.9155, 18.1688.

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

217.2830, -15.9155, 18.1688

Protanopia

216.2820, -14.4360, 10.2767

Deuteranopia

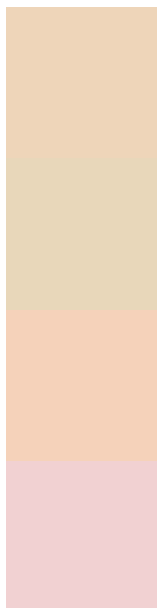
218.3380, -15.9426, 26.8906



Tritanopia

219.7020, 2.1189, 20.4323

Trichromacy



Original Color

217.2830, -15.9155, 18.1688

Protanomaly

216.7770, -15.1731, 13.3506

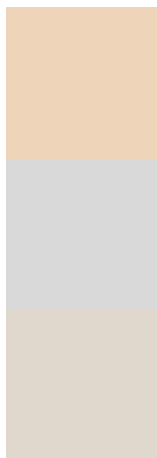
Deuteranomaly

217.7290, -15.6424, 23.9167

Tritanomaly

218.6820, -4.2802, 19.5729

Monochromacy



Original Color

217.2830, -15.9155, 18.1688

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.4370, -6.1314, 6.6328

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2830, -15.9155, 18.1688 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(238, 213, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 185)  
}
```

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(238, 213, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 185) }
```

Border

The CSS property to change the border of an element to YUV 217.2830, -15.9155, 18.1688 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(238, 213, 185) }
```


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

```
.border{ border-color:rgb(238, 213, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 185);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 217.2830, -15.9155, 18.1688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 185) }
```

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

```
.background{ background-color: rgb(238,  
213, 185) }
```

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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