

Converting Colors

YUV(212.5730, -22.4675,
19.6685)

Have a look what the booklet for
YUV(212.5730, -22.4675, 19.6685)
contains.

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Color

**YUV(212.5730, -22.4675,
19.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD2A7
RGB	235, 210, 167
RGB Percent	92%, 82%, 65%
CMY	0.0784, 0.1765, 0.3451
CMYK	0.00, 0.11, 0.29, 0.08
HSL	38°, 63%, 79%
HSV	38°, 29%, 92%
XYZ	64.2826, 66.5454, 46.0157
YIQ	212.5730, 28.7030, -8.0730

Conversions

Conversions Part 2

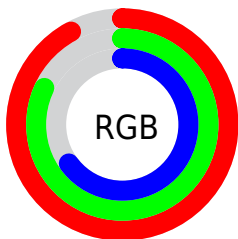
Format	Color
RYB	207, 235, 167
Decimal	15454887
CIELab	85.27, 2.36, 24.52
CIELCh	85, 24.636, 84.493
Yxy	66.5454, 0.3635, 0.3763
Android (android.graphics.Color)	4293644967 (0xFFEBD2A7)
YUV	212.5730, -22.4675, 19.6685
Hunter-Lab	81.5753, -2.0962, 23.6579

Details

The YUV color $212.5730, -22.4675, 19.6685$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $189.4270, 22.4675, -19.6685$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.2380, -14.4143, 3.2993$, and $157.9040, -21.1517, 17.6242$ is the 20% darker color. If you saturate the color by 10%, you get $204.5540, -30.3461, 26.7011$, and if you desaturate by 10%, it is $220.5920, -14.5889, 12.6358$.

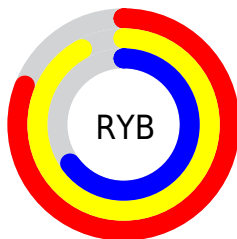
Distribution



Red (92%)

Green (82%)

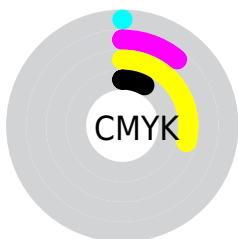
Blue (65%)



Red (81%)

Yellow (92%)

Blue (65%)

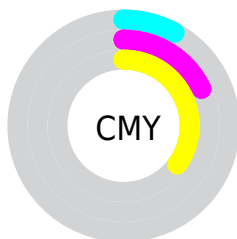


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5730, -22.4675, 19.6685 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 212.5730, -22.4675, 19.6685 by changing the saturation by 10% instead.

■ 212.5730,
-22.4675, 19.6685

■ 212.5730,
-22.4675, 19.6685

255.0000, 0.0000,
0.0000

■ 184.3880,
-21.8833, 18.9537

■ 251.2380,
-14.4143, 3.2993

■ 157.9040,
-21.1517, 17.6242

■ 254.5440, -1.7472,
0.3999

■ 131.7190,
-20.5675, 16.9094

■ 106.5340,
-19.9833, 16.1947

■ 82.0500, -19.2516,
14.8652

■ 58.6800, -18.0832,
13.4356

■ 36.3810, -17.9358,

12.8209

■ 17.4650, -8.6102,
8.3622

■ 0.0000, 0.0000,
0.0000

■ 212.5730,
-22.4675, 19.6685

■ 212.5730,
-22.4675, 19.6685

■ 204.5540,
-30.3461, 26.7011

■ 220.5920,
-14.5889, 12.6358

■ 197.2360,
-38.0773, 33.1190

■ 227.9100, -6.8576,
6.2179

■ 189.3310,
-45.5192, 40.0517

■ 235.9290, 1.0210,
-0.8147

■ 181.3120,
-53.3978, 47.0844

■ 243.1500, 5.8421,
-7.1475

■ 173.9940,
-61.1290, 53.5023

■ 247.8460, 3.5269,
-11.2659

■ 165.9750,
-69.0077, 60.5349

■ 249.0200, 2.9481,
-12.2955

■ 158.5430,
-77.1757, 67.0528

■ 157.7280,
-77.7599, 67.7675

Harmonies

Analogous

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



214.8720, -19.1639, 33.4383



212.5730, -22.4675, 19.6685



209.5490, -19.4977, 0.3955

Triad

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



212.5730, -22.4675, 19.6685



203.5470, 13.5343, -47.8377



216.8080, 11.4337, 19.4624

Complementary

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



212.5730, -22.4675, 19.6685



189.4270, 22.4675, -19.6685

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.



215.1410, 19.6505, -2.7547



212.5730, -22.4675, 19.6685



206.0450, 21.6698, -43.8895

Square

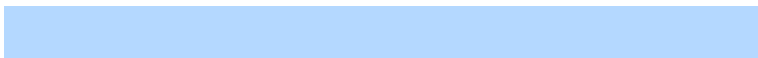
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.5730, -22.4675, 19.6685



204.2140, 1.8665, -38.7757



209.6820, 22.3418, -26.0311



216.7360, 0.6232, 33.5575

Rectangle

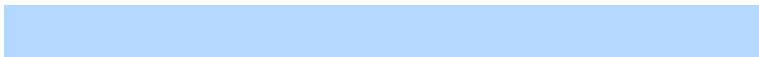
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.5730, -22.4675, 19.6685



208.4270, -14.5075, -13.5295



209.6820, 22.3418, -26.0311



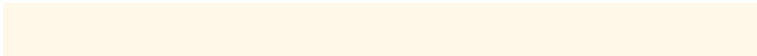
216.2740, 14.6549, 12.9147

Sweetspot

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



212.5730, -22.4675, 19.6685



247.6820, -7.7312, 6.4179



190.2960, 1.3331, 39.2054



122.7680, -4.8156, 4.5885



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.



212.5730, -22.4675, 19.6685



225.4830, -29.3251, 25.8864



224.8560, -28.5230, 1.8803



113.3980, -3.6472, 3.1590



121.0370, -59.6712, 52.5876



36.1040, -17.7993, 15.6948

Inverse Universe

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



189.4270, 22.4675, -19.6685



195.5170, 29.3251, -25.8864



177.1440, 28.5230, -1.8803



109.6020, 3.6472, -3.1590



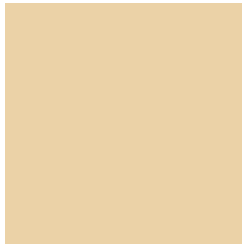
59.9630, 59.6712, -52.5876



17.8960, 17.7993, -15.6948

Previews

White Background



This preview shows how the YUV color 212.5730, -22.4675, 19.6685 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 212.5730, -22.4675, 19.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

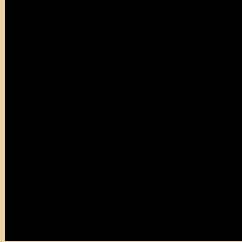
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.5730, -22.4675, 19.6685

Background



This preview shows how black text looks on a background with the YUV color 212.5730, -22.4675, 19.6685.



This preview shows how white text looks on a background with the YUV color 212.5730, -22.4675, 19.6685.

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

212.5730, -22.4675, 19.6685

Protanopia

212.0560, -21.7196, 13.1059

Deuteranopia

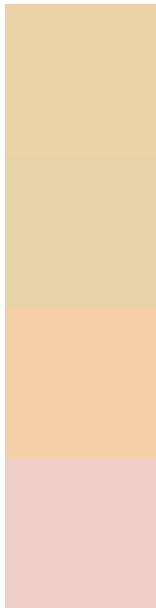
213.9380, -22.6474, 30.7494



Tritanopia

216.1860, 1.3873, 21.7619

Trichromacy



Original Color

212.5730, -22.4675, 19.6685

Protanomaly

212.3660, -21.8724, 15.4650

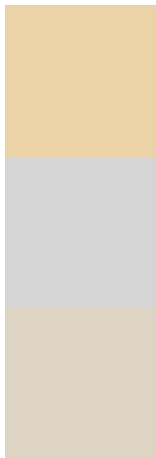
Deuteranomaly

213.6170, -22.4892, 26.6459

Tritanomaly

215.1830, -7.4852, 20.8875

Monochromacy



Original Color

212.5730, -22.4675, 19.6685

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8670, -8.3154, 7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5730, -22.4675, 19.6685 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(235, 210, 167)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 167)  
}
```

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(235, 210, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 167) }
```

Border

The CSS property to change the border of an element to YUV 212.5730, -22.4675, 19.6685 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(235, 210, 167) }
```


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

```
.border{ border-color:rgb(235, 210, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 210, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 210, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 210, 167); box-shadow:4px 4px 4px 4px rgb(235, 210, 167) }
```

Background

The CSS property to change the background color of an element to YUV 212.5730, -22.4675, 19.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 167) }
```

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

```
.background{ background-color: rgb(235,  
210, 167) }
```

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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