

Converting Colors

YUV(212.6860, -20.5512,
11.6764)

Have a look what the booklet for
YUV(212.6860, -20.5512, 11.6764)
contains.

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Color

**YUV(212.6860, -20.5512,
11.6764)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D6AB
RGB	226, 214, 171
RGB Percent	89%, 84%, 67%
CMY	0.1137, 0.1608, 0.3294
CMYK	0.00, 0.05, 0.24, 0.11
HSL	47°, 49%, 78%
HSV	47°, 24%, 89%
XYZ	62.7613, 67.2022, 48.1915
YIQ	212.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

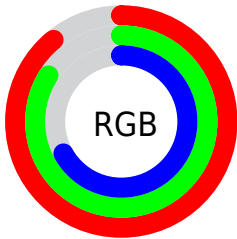
Format	Color
RYB	186, 226, 171
Decimal	14866091
CIELab	85.61, -2.56, 22.77
CIELCh	86, 22.909, 96.409
Yxy	67.2022, 0.3523, 0.3772
Android (android.graphics.Color)	4293056171 (0xFFE2D6AB)
YUV	212.6860, -20.5512, 11.6764
Hunter-Lab	81.9769, -6.8006, 22.5292

Details

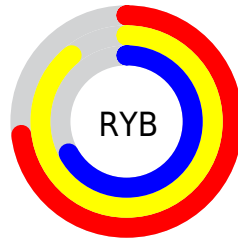
The YUV color $212.6860, -20.5512, 11.6764$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $184.3140, 20.5512, -11.6764$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $157.7290, -19.0934, 10.7617$ is the 20% darker color. If you saturate the color by 10%, you get $207.1290, -29.1506, 16.5499$, and if you desaturate by 10%, it is $218.2430, -11.9518, 6.8029$.

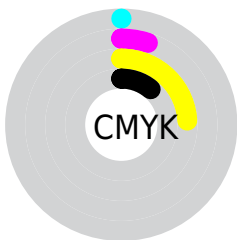
Distribution



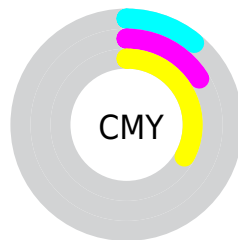
- Red (89%)
- Green (84%)
- Blue (67%)



- Red (73%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6860, -20.5512, 11.6764 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 212.6860, -20.5512, 11.6764 by changing the saturation by 10% instead.

■ 212.6860,
-20.5512, 11.6764

■ 212.6860,
-20.5512, 11.6764

255.0000, 0.0000,
0.0000

■ 184.8000,
-20.1144, 11.5764

■ 251.6940,
-12.6671, 2.8994

■ 157.7290,
-19.0934, 10.7617

■ 131.5440,
-18.5092, 10.0469

■ 106.3590,
-17.9250, 9.3322

■ 82.1740, -17.3408,
8.6174

■ 58.9890, -16.7566,
7.9026

■ 36.3480, -17.9196,

7.5878

■ 17.4320, -8.5940,
3.1291

■ 0.0000, 0.0000,
0.0000

■ 212.6860,
-20.5512, 11.6764

■ 212.6860,
-20.5512, 11.6764

■ 207.1290,
-29.1506, 16.5499

■ 218.2430,
-11.9518, 6.8029

■ 201.6860,
-37.3132, 21.3234

■ 223.6860, -3.7892,
2.0294

■ 196.1290,
-45.9126, 26.1969

■ 229.2430, 4.8102,
-2.8441

■ 190.6860,
-54.0752, 30.9704

■ 234.0020, 10.3520,
-7.0178

■ 185.1290,
-62.6746, 35.8439

■ 236.9370, 8.9051,
-9.5917

■ 179.5720,
-71.2740, 40.7174

■ 239.8720, 7.4581,
-12.1657

■ 174.1290,
-79.4366, 45.4909

■ 242.8070, 6.0111,
-14.7397

■ 171.4730,
-84.5362, 47.8202

■ 245.1550, 4.8536,
-16.7989

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



215.0130, -19.7264, 27.1756



212.6860, -20.5512, 11.6764



209.9440, -15.2554, -6.9669

Triad

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



212.6860, -20.5512, 11.6764



205.6660, 16.4337, -44.4341



217.9890, 6.9074, 24.5656

Complementary

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



212.6860, -20.5512, 11.6764



184.3140, 20.5512, -11.6764

Split Complementary

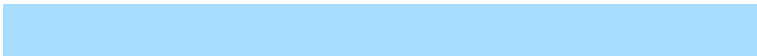
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.8710, 15.8396, 6.2521



212.6860, -20.5512, 11.6764



209.1000, 21.6427, -35.1677

Square

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



212.6860, -20.5512, 11.6764



205.9410, 5.9451, -40.2903



212.9930, 20.7095, -15.7799



216.9980, -3.4500, 33.3278

Rectangle

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



212.6860, -20.5512, 11.6764



208.3490, -9.5391, -20.4771



212.9930, 20.7095, -15.7799



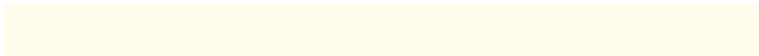
218.0530, 9.8339, 19.2475

Sweetspot

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



212.6860, -20.5512, 11.6764



250.6000, -6.7048, 3.8588



188.9270, -2.4290, 32.5130



124.9850, -3.9366, 2.6442



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.



212.6860, -20.5512, 11.6764



237.1720, -27.6928, 15.6352



215.2450, -21.8128, -3.7229



109.5720, -4.2260, 2.1294



133.6300, -65.8796, 37.1585



36.6580, -18.0724, 9.9469

Inverse Universe

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



184.3140, 20.5512, -11.6764



198.8280, 27.6928, -15.6352



181.7550, 21.8128, 3.7229



103.4280, 4.2260, -2.1294



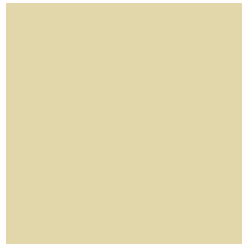
42.3700, 65.8796, -37.1585



11.9290, 17.7830, -10.4617

Previews

White Background



This preview shows how the YUV color 212.6860, -20.5512, 11.6764 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 212.6860, -20.5512, 11.6764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

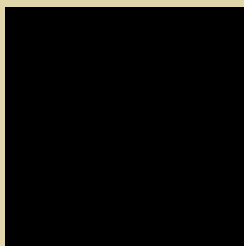
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

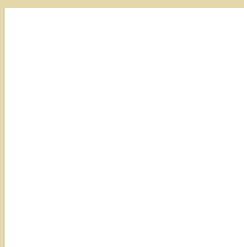
Any Text WCAG AAA ✓ Pass

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

YUV 212.6860, -20.5512, 11.6764 Background



This preview shows how black text looks on a background with the YUV color 212.6860, -20.5512, 11.6764.

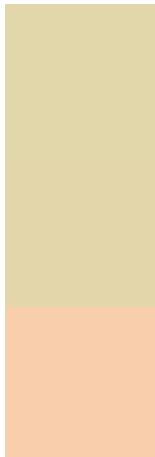


This preview shows how white text looks on a background with the YUV color 212.6860, -20.5512, 11.6764.

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

212.6860, -20.5512, 11.6764

Protanopia

212.9850, -20.6986, 12.2912

Deuteranopia

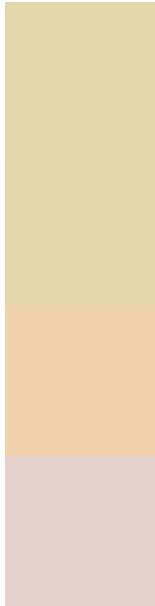
215.0950, -20.7528, 29.7347



Tritanopia

216.5980, 3.1562, 14.3846

Trichromacy



Original Color

212.6860, -20.5512, 11.6764

Protanomaly

212.9850, -20.6986, 12.2912

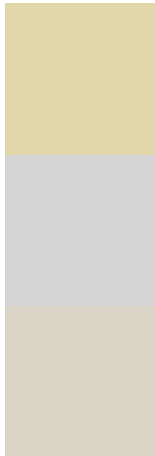
Deuteranomaly

214.3500, -20.8785, 23.3721

Tritanomaly

215.2960, -5.5689, 12.8954

Monochromacy



Original Color

212.6860, -20.5512, 11.6764

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6860, -20.5512, 11.6764 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(226, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 171)  
}
```

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(226, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 171) }
```

Border

The CSS property to change the border of an element to YUV 212.6860, -20.5512, 11.6764 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(226, 214, 171) }
```


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

```
.border{ border-color:rgb(226, 214, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 212.6860, -20.5512, 11.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 171) }
```

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

```
.background{ background-color: rgb(226,  
214, 171) }
```

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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