

Converting Colors

YUV(212.1330, -25.2086,
12.1614)

Have a look what the booklet for
YUV(212.1330, -25.2086, 12.1614)
contains.

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Color

**YUV(212.1330, -25.2086,
12.1614)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D7A1
RGB	226, 215, 161
RGB Percent	89%, 84%, 63%
CMY	0.1137, 0.1569, 0.3686
CMYK	0.00, 0.05, 0.29, 0.11
HSL	50°, 53%, 76%
HSV	50°, 29%, 89%
XYZ	62.0975, 67.3428, 43.4438
YIQ	212.1330, 23.8900, -14.4620

Conversions

Conversions Part 2

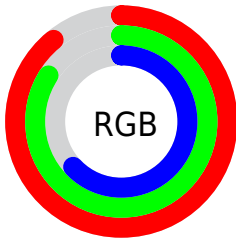
Format	Color
RYB	174, 226, 161
Decimal	14866337
CIELab	85.68, -4.40, 28.07
CIELCh	86, 28.410, 98.916
Yxy	67.3428, 0.3592, 0.3895
Android (android.graphics.Color)	4293056417 (0xFFE2D7A1)
YUV	212.1330, -25.2086, 12.1614
Hunter-Lab	82.0627, -8.5373, 26.0559

Details

The YUV color $212.1330, -25.2086, 12.1614$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $174.8670, 25.2086, -12.1614$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $157.1760, -23.7508, 11.2466$ is the 20% darker color. If you saturate the color by 10%, you get $207.1630, -34.0974, 16.5200$, and if you desaturate by 10%, it is $217.1030, -16.3198, 7.8027$.

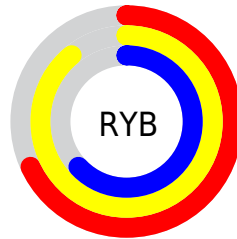
Distribution



Red (89%)

Green (84%)

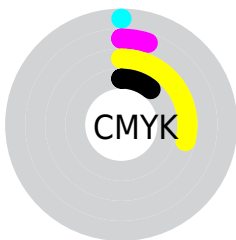
Blue (63%)



Red (68%)

Yellow (89%)

Blue (63%)

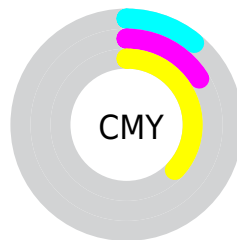


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1330, -25.2086, 12.1614 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 212.1330, -25.2086, 12.1614 by changing the saturation by 10% instead.

■ 212.1330,
-25.2086, 12.1614

■ 212.1330,
-25.2086, 12.1614

255.0000, 0.0000,
0.0000

■ 184.3610,
-24.3350, 11.9614

■ 250.5540,
-17.0351, 3.8991

■ 157.1760,
-23.7508, 11.2466

■ 253.8600, -4.3680,
0.9998

■ 130.9910,
-23.1666, 10.5319

■ 105.8060,
-22.5824, 9.8171

■ 81.4360, -21.4139,
8.3876

■ 58.1370, -21.2665,
7.7729

■ 36.6360, -18.0615,

6.4582

■ 17.1220, -8.4411,
0.7700

■ 0.0000, 0.0000,
0.0000

■ 212.1330,
-25.2086, 12.1614

■ 212.1330,
-25.2086, 12.1614

■ 207.1630,
-34.0974, 16.5200

■ 217.1030,
-16.3198, 7.8027

■ 202.3070,
-42.5494, 20.7788

■ 221.9590, -7.8678,
3.5440

■ 197.9240,
-51.7275, 24.6227

■ 226.3420, 1.3104,
-0.2999

■ 193.0680,
-60.1795, 28.8814

■ 231.1980, 9.7624,
-4.5586

■ 188.0980,
-69.0683, 33.2401

■ 234.0020, 10.3520,
-7.0178

■ 183.1280,
-77.9571, 37.5987

■ 236.3500, 9.1945,
-9.0769

■ 178.2720,
-86.4091, 41.8575

■ 238.6980, 8.0369,
-11.1361

■ 177.9300,
-87.7195, 42.1574

■ 241.0460, 6.8793,
-13.1953

■ 242.8070, 6.0111,
-14.7397

Harmonies

Analogous

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



214.7810, -24.5420, 31.7641



212.1330, -25.2086, 12.1614



209.1130, -18.2967, -11.5001

Triad

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



212.1330, -25.2086, 12.1614



202.9570, 21.7132, -57.8443



218.5600, 7.6119, 31.9579

Complementary

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



212.1330, -25.2086, 12.1614



174.8670, 25.2086, -12.1614

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.



217.8760, 18.3021, 9.7557



212.1330, -25.2086, 12.1614



206.3270, 23.9958, -43.2598

Square

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



212.1330, -25.2086, 12.1614



202.7760, 9.4774, -53.3006



212.3950, 21.0043, -17.0094



214.3080, -3.6028, 35.6869

Rectangle

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



212.1330, -25.2086, 12.1614



206.1910, -9.9542, -27.3545



212.3950, 21.0043, -17.0094



218.5530, 11.5594, 25.8250

Sweetspot

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



212.1330, -25.2086, 12.1614



250.0300, -8.8888, 4.3587



181.8030, -4.3399, 38.7608



124.5290, -5.6838, 3.0441



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.



212.1330, -25.2086, 12.1614



236.0490, -34.5342, 16.6200



212.3110, -25.2963, -6.4117



109.5720, -4.2260, 2.1294



138.3260, -68.1947, 33.0401



37.8320, -18.6512, 8.9173

Inverse Universe

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



174.8670, 25.2086, -12.1614



184.9510, 34.5342, -16.6200



174.6890, 25.2963, 6.4117



103.4280, 4.2260, -2.1294



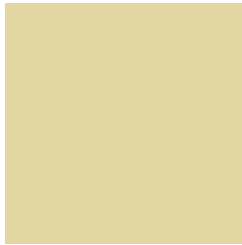
37.6740, 68.1947, -33.0401



10.1680, 18.6512, -8.9173

Previews

White Background



This preview shows how the YUV color 212.1330, -25.2086, 12.1614 looks on a white background.

Color Contrast Check

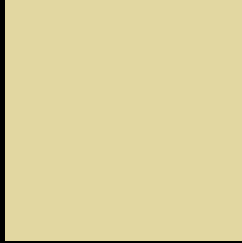
Large Text (above 18pt) WCAG AA × Fail

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 212.1330, -25.2086, 12.1614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

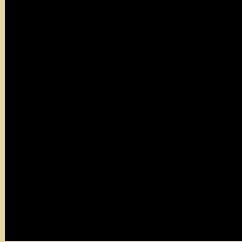
Any Text WCAG AA ✓ Pass

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 212.1330, -25.2086, 12.1614 Background



This preview shows how black text looks on a background with the YUV color 212.1330, -25.2086, 12.1614.



This preview shows how white text looks on a background with the YUV color 212.1330, -25.2086, 12.1614.

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

212.1330, -25.2086, 12.1614

Protanopia

212.4430, -25.3614, 14.5205

Deuteranopia

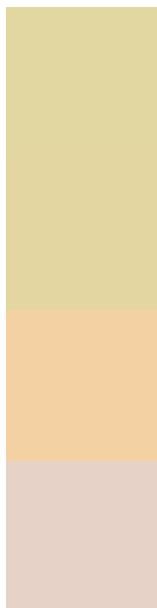
214.2650, -25.2736, 33.0936



Tritanopia

216.8970, 3.0088, 14.9993

Trichromacy



Original Color

212.1330, -25.2086, 12.1614

Protanomaly

212.1440, -25.2140, 13.9057

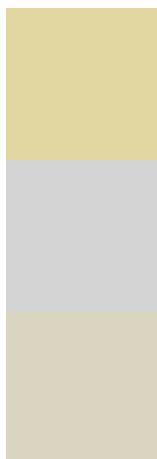
Deuteranomaly

213.8080, -25.5413, 25.6014

Tritanomaly

215.1390, -7.4635, 13.9101

Monochromacy



Original Color

212.1330, -25.2086, 12.1614

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1330, -25.2086, 12.1614 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, 215, 161)` looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 161)  
}
```

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, 215, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 161) }
```

Border

The CSS property to change the border of an element to YUV 212.1330, -25.2086, 12.1614 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, 215, 161) }
```


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

```
.border{ border-color:rgb(226, 215, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 215, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 215, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 215, 161); box-shadow:4px 4px 4px 4px rgb(226, 215, 161) }
```

Background

The CSS property to change the background color of an element to YUV 212.1330, -25.2086, 12.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 161) }
```

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

```
.background{ background-color: rgb(226,  
215, 161) }
```

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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