

Converting Colors

YUV(213.3400, -12.4926,
-6.4372)

Have a look what the booklet for
YUV(213.3400, -12.4926, -6.4372)
contains.

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Color

**YUV(213.3400, -12.4926,
-6.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDEBC
RGB	206, 222, 188
RGB Percent	81%, 87%, 74%
CMY	0.1922, 0.1294, 0.2627
CMYK	0.07, 0.00, 0.15, 0.13
HSL	88°, 34%, 80%
HSV	88°, 15%, 87%
XYZ	60.6520, 68.9952, 57.6977
YIQ	213.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

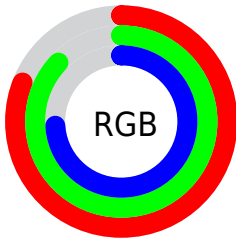
Format	Color
RYB	188, 222, 204
Decimal	13557436
CIELab	86.50, -11.35, 14.88
CIElCh	87, 18.718, 127.333
Yxy	68.9952, 0.3237, 0.3683
Android (android.graphics.Color)	4291747516 (0xFFCEDEBC)
YUV	213.3400, -12.4926, -6.4372
Hunter-Lab	83.0634, -15.0221, 16.9602

Details

The YUV color $213.3400, -12.4926, -6.4372$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $196.6600, 12.4926, 6.4372$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, -4.8048, 1.0998$, and $158.8670, -11.7664, -6.0224$ is the 20% darker color. If you saturate the color by 10%, you get $207.8420, -20.6281, -10.3854$, and if you desaturate by 10%, it is $218.8380, -4.3571, -2.4889$.

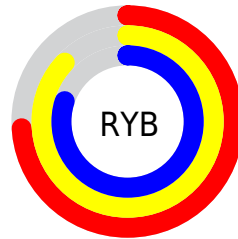
Distribution



Red (81%)

Green (87%)

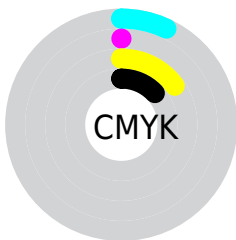
Blue (74%)



Red (74%)

Yellow (87%)

Blue (80%)

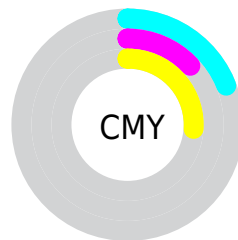


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (19%)

Magenta (13%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.3400, -12.4926, -6.4372 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 213.3400, -12.4926, -6.4372 by changing the saturation by 10% instead.

■ 213.3400,
-12.4926, -6.4372

■ 213.3400,
-12.4926, -6.4372

255.0000, 0.0000,
0.0000

■ 185.4540,
-12.0558, -6.5372

■ 253.7460, -4.8048,
1.0998

■ 158.8670,
-11.7664, -6.0224

■ 132.8670,
-11.7664, -6.0224

■ 107.0950,
-10.8928, -6.2223

■ 82.6220, -10.1666,
-5.8075

■ 59.7360, -9.7298,
-5.9075

■ 37.8500, -9.2930,

-6.0074

■ 16.7680, -8.2666,
-8.5665

■ 0.0000, 0.0000,
0.0000

■ 213.3400,
-12.4926, -6.4372

■ 213.3400,
-12.4926, -6.4372

■ 207.8420,
-20.6281, -10.3854

■ 218.8380, -4.3571,
-2.4889

■ 202.0450,
-28.6162, -14.9485

■ 224.6350, 3.6309,
2.0741

■ 196.4330,
-37.1885, -18.7967

■ 230.2470, 12.2032,
5.9224

■ 190.6360,
-45.1765, -23.3598

■ 233.5360, 10.5818,
12.6849

■ 185.1380,
-53.3120, -27.3080

■ 235.6290, 9.5499,
16.9884

■ 179.3410,
-61.3001, -31.8711

■ 173.8430,
-69.4356, -35.8193

■ 167.9320,
-77.8605, -40.2824

■ 165.5960,
-81.6388, -41.7417

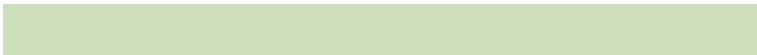
Harmonies

Analogous

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



215.5870, -17.0514, 9.1322



213.3400, -12.4926, -6.4372



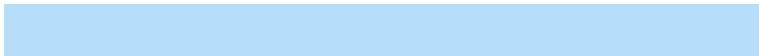
211.6030, -4.7343, -21.5768

Triad

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



213.3400, -12.4926, -6.4372



213.1180, 17.6898, -27.2905



219.6770, -3.2918, 29.2243

Complementary

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



213.3400, -12.4926, -6.4372



196.6600, 12.4926, 6.4372

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.



220.2120, 5.3185, 20.8621



213.3400, -12.4926, -6.4372



216.3910, 17.0622, -12.6209

Square

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



213.3400, -12.4926, -6.4372



210.8090, 12.9122, -34.9125



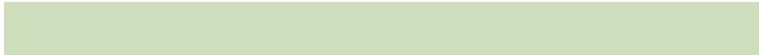
219.0620, 12.7874, 5.2076



218.9130, -11.2961, 29.8943

Rectangle

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



213.3400, -12.4926, -6.4372



210.5680, 1.6920, -29.4391



219.0620, 12.7874, 5.2076



219.7630, -0.3762, 27.3948

Sweetspot

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



213.3400, -12.4926, -6.4372



251.7240, -4.7939, -2.3889



207.5580, -9.6421, 12.6656



125.8920, -2.9048, -1.6593



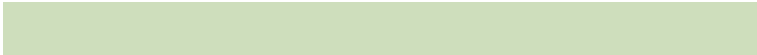
0.0000, 0.0000, 0.0000



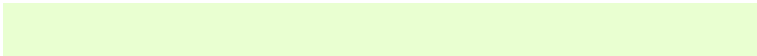
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.3400, -12.4926, -6.4372



243.1780, -16.8498, -8.9261



208.2570, -9.9867, -16.8884



109.2510, -4.0677, -1.9741



131.1190, -64.6417, -33.4304



35.9500, -17.7233, -8.7261

Inverse Universe

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



196.6600, 12.4926, 6.4372



220.8220, 16.8498, 8.9261



201.7430, 9.9867, 16.8884



103.7490, 4.0677, 1.9741



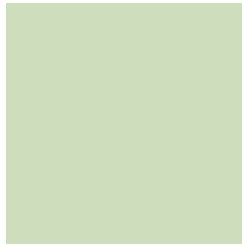
44.8810, 64.6417, 33.4304



12.3490, 17.5759, 9.3409

Previews

White Background



This preview shows how the YUV color 213.3400, -12.4926, -6.4372 looks on a white background.

Color Contrast Check

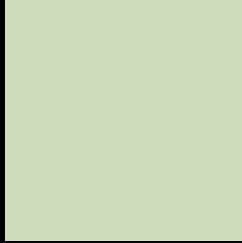
Large Text (above 18pt) WCAG AA × Fail

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 213.3400, -12.4926, -6.4372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

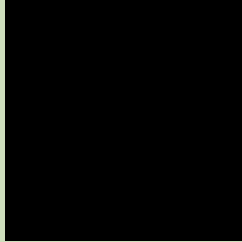
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

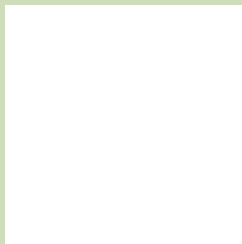
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.3400, -12.4926, -6.4372

Background



This preview shows how black text looks on a background with the YUV color 213.3400, -12.4926, -6.4372.



This preview shows how white text looks on a background with the YUV color 213.3400, -12.4926, -6.4372.

-6.4372.

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

213.3400, -12.4926, -6.4372

Protanopia

215.7550, -15.1622, 9.8619

Deuteranopia

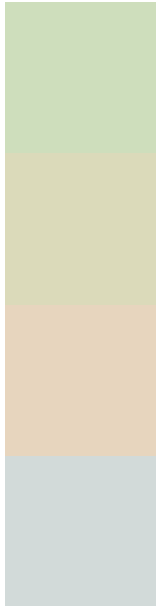
217.4240, -13.0270, 25.0612



Tritanopia

217.0410, 7.8678, -3.5440

Trichromacy



Original Color

213.3400, -12.4926, -6.4372

Protanomaly

214.6510, -14.1249, 3.8141

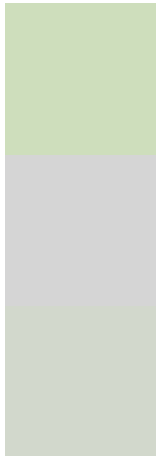
Deuteranomaly

215.7600, -12.6997, 13.3655

Tritanomaly

215.4940, 0.7425, -4.8182

Monochromacy



Original Color

213.3400, -12.4926, -6.4372

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.3400, -12.4926, -6.4372 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(206, 222, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 222, 188)  
}
```

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(206, 222, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 222, 188) }
```

Border

The CSS property to change the border of an element to YUV 213.3400, -12.4926, -6.4372 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(206, 222, 188) }
```


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

```
.border{ border-color:rgb(206, 222, 188) }
```

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

Here you see how a box with a 4 pixel rgb(206, 222, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 222, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 222, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 222,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 213.3400, -12.4926, -6.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 222, 188) }
```

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

```
.background{ background-color: rgb(206,  
222, 188) }
```

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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