

Converting Colors

YUV(206.1470, -23.2435,
-11.5299)

Have a look what the booklet for
YUV(206.1470, -23.2435, -11.5299)
contains.

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Color

**YUV(206.1470, -23.2435,
-11.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DE9F
RGB	193, 222, 159
RGB Percent	76%, 87%, 62%
CMY	0.2431, 0.1294, 0.3765
CMYK	0.13, 0.00, 0.28, 0.13
HSL	88°, 49%, 75%
HSV	88°, 28%, 87%
XYZ	54.3716, 66.0832, 42.6905
YIQ	206.1470, 2.9390, -25.7410

Conversions

Conversions Part 2

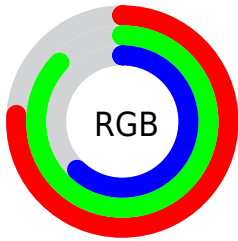
Format	Color
RYB	159, 222, 188
Decimal	12705439
CIELab	85.04, -20.45, 27.82
CIELCh	85, 34.529, 126.314
Yxy	66.0832, 0.3333, 0.4051
Android (android.graphics.Color)	4290895519 (0xFFC1DE9F)
YUV	206.1470, -23.2435, -11.5299
Hunter-Lab	81.2916, -22.8711, 25.7678

Details

The YUV color $206.1470, -23.2435, -11.5299$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $174.8530, 23.2435, 11.5299$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8310, -17.1717, 1.0252$, and $151.7880, -22.0805, -11.2151$ is the 20% darker color. If you saturate the color by 10%, you get $200.6490, -31.3790, -15.4782$, and if you desaturate by 10%, it is $211.6450, -15.1080, -7.5817$.

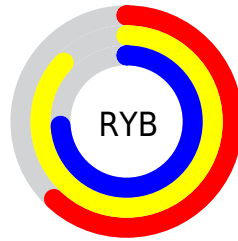
Distribution



Red (76%)

Green (87%)

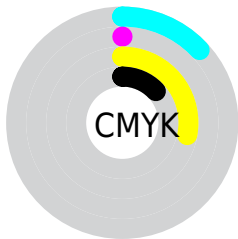
Blue (62%)



Red (62%)

Yellow (87%)

Blue (74%)

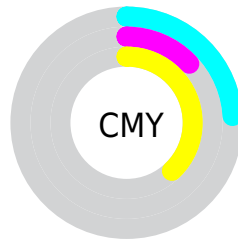


Cyan (13%)

Magenta (0%)

Yellow (28%)

Black (13%)



Cyan (24%)

Magenta (13%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1470, -23.2435, -11.5299 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 206.1470, -23.2435, -11.5299 by changing the saturation by 10% instead.

■ 206.1470,
-23.2435, -11.5299

■ 206.1470,
-23.2435, -11.5299

255.0000, 0.0000,
0.0000

■ 178.6740,
-22.5173, -11.1151

■ 248.8310,
-17.1717, 1.0252

■ 151.7880,
-22.0805, -11.2151

■ 253.6320, -5.2416,
1.1997

■ 125.3150,
-21.3543, -10.8003

■ 100.5430,
-20.4807, -11.0002

■ 75.7710, -19.6071,
-11.2002

■ 52.1840, -19.3177,
-10.6854

■ 31.5090, -15.5339,

-10.9704

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 206.1470,
-23.2435, -11.5299

■ 206.1470,
-23.2435, -11.5299

■ 200.6490,
-31.3790, -15.4782

■ 211.6450,
-15.1080, -7.5817

■ 195.1510,
-39.5144, -19.4264

■ 217.1430, -6.9725,
-3.6334

■ 189.2400,
-47.9393, -23.8895

■ 223.0540, 1.4524,
0.8296

■ 183.7420,
-56.0748, -27.8377

■ 228.5520, 9.5879,
4.7779

■ 178.2440,
-64.2103, -31.7860

■ 232.3400, 11.1714,
10.2258

■ 172.7460,
-72.3458, -35.7342

■ 235.3300, 9.6973,
16.3736

■ 166.9490,
-80.3339, -40.2973

■ 235.6290, 9.5499,
16.9884

■ 166.1940,
-81.9336, -40.5121

Harmonies

Analogous

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



210.2600, -31.1872, 16.4350



206.1470, -23.2435, -11.5299



201.2710, -8.0216, -40.5797

Triad

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



206.1470, -23.2435, -11.5299



200.0370, 27.0968, -57.9144



210.1990, -1.5771, 39.2905

Complementary

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



206.1470, -23.2435, -11.5299



174.8530, 23.2435, 11.5299

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.



216.1950, 11.2429, 34.0320



206.1470, -23.2435, -11.5299



207.9210, 23.2099, -24.4867

Square

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



206.1470, -23.2435, -11.5299



195.5140, 26.8616, -75.8728



215.2180, 19.6125, 9.4558



208.8990, -16.7122, 40.4306

Rectangle

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



206.1470, -23.2435, -11.5299



197.7770, 4.5469, -58.5634



215.2180, 19.6125, 9.4558



211.4530, 3.2277, 38.1907

Sweetspot

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



206.1470, -23.2435, -11.5299



249.0890, -8.4249, -4.4631



194.2730, -17.3896, 24.3166



124.1970, -5.5201, -2.8038



0.0000, 0.0000, 0.0000



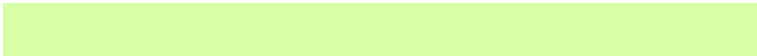
128.0000, 0.0000, 0.0000

Same Dimension

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



206.1470, -23.2435, -11.5299



233.1220, -32.1051, -15.8930



196.8780, -18.6739, -30.5880



109.2510, -4.0677, -1.9741



131.7170, -64.9365, -32.2008



35.9500, -17.7233, -8.7261

Inverse Universe

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



174.8530, 23.2435, 11.5299



189.8780, 32.1051, 15.8930



184.1220, 18.6739, 30.5880



103.7490, 4.0677, 1.9741



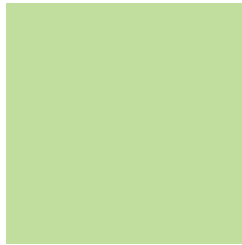
44.2830, 64.9365, 32.2008



12.0500, 17.7233, 8.7261

Previews

White Background



This preview shows how the YUV color 206.1470, -23.2435, -11.5299 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 206.1470, -23.2435, -11.5299 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 206.1470, -23.2435, -11.5299 Background



This preview shows how black text looks on a background with the YUV color 206.1470, -23.2435, -11.5299.



This preview shows how white text looks on a background with the YUV color 206.1470, -23.2435, -11.5299.

-11.5299.

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

206.1470, -23.2435, -11.5299

Protanopia

210.1720, -27.6928, 15.6352

Deuteranopia

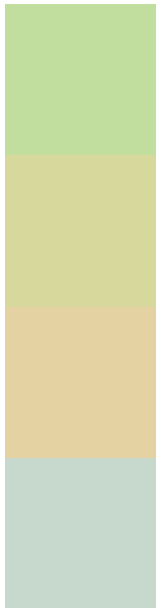
212.1940, -24.2526, 32.2789



Tritanopia

211.9480, 8.8996, -7.8474

Trichromacy



Original Color

206.1470, -23.2435, -11.5299

Protanomaly

208.8610, -26.0605, 5.3839

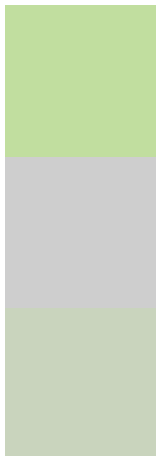
Deuteranomaly

210.2090, -23.7670, 16.4797

Tritanomaly

209.5490, -2.7357, -9.2515

Monochromacy



Original Color

206.1470, -23.2435, -11.5299

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.0890, -8.4249, -4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1470, -23.2435, -11.5299 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(193, 222, 159)` looks like.

```
.text, #text, p{  
    color:rgb(193, 222, 159)  
}
```

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(193, 222, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 222, 159) }
```

Border

The CSS property to change the border of an element to YUV 206.1470, -23.2435, -11.5299 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(193, 222, 159) }
```


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

```
.border{ border-color:rgb(193, 222, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 222, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 222, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 222, 159); box-shadow:4px 4px 4px 4px rgb(193, 222, 159) }
```

Background

The CSS property to change the background color of an element to YUV 206.1470, -23.2435, -11.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 222, 159) }
```

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

```
.background{ background-color: rgb(193,  
222, 159) }
```

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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