

Converting Colors

YUV(199.3450, -30.2431,
-6.4416)

Have a look what the booklet for
YUV(199.3450, -30.2431, -6.4416)
contains.

YUV(199.3450, -30.2431, -6.4416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.3450, -30.2431,
-6.4416)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D78A
RGB	192, 215, 138
RGB Percent	75%, 84%, 54%
CMY	0.2471, 0.1569, 0.4588
CMYK	0.11, 0.00, 0.36, 0.16
HSL	78°, 49%, 69%
HSV	78°, 36%, 84%
XYZ	50.6261, 61.6423, 33.2746
YIQ	199.3450, 11.0090, -28.8230

Conversions

Conversions Part 2

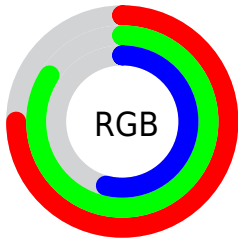
Format	Color
RYB	138, 215, 161
Decimal	12638090
CIELab	82.72, -20.22, 35.50
CIELCh	83, 40.854, 119.672
Yxy	61.6423, 0.3478, 0.4235
Android (android.graphics.Color)	4290828170 (0xFFC0D78A)
YUV	199.3450, -30.2431, -6.4416
Hunter-Lab	78.5126, -22.2976, 29.8310

Details

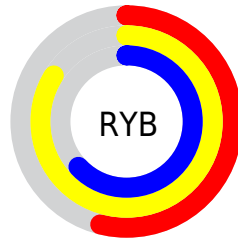
The YUV color $199.3450, -30.2431, -6.4416$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $153.6550, 30.2431, 6.4416$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0240, -26.6338, 2.6100$, and $144.8010, -28.4959, -6.8415$ is the 20% darker color. If you saturate the color by 10%, you get $195.1570, -38.5314, -8.0307$, and if you desaturate by 10%, it is $203.6470, -21.5180, -4.9524$.

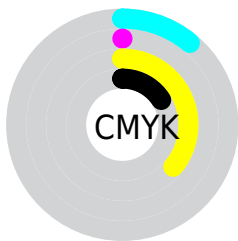
Distribution



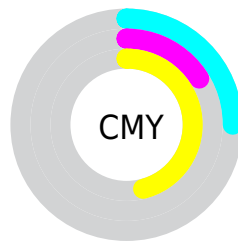
- Red (75%)
- Green (84%)
- Blue (54%)



- Red (54%)
- Yellow (84%)
- Blue (63%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3450, -30.2431, -6.4416 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 199.3450, -30.2431, -6.4416 by changing the saturation by 10% instead.

■ 199.3450,
-30.2431, -6.4416

■ 199.3450,
-30.2431, -6.4416

255.0000, 0.0000,
0.0000

■ 171.5730,
-29.3695, -6.6415

■ 246.0240,
-26.6338, 2.6100

■ 144.8010,
-28.4959, -6.8415

■ 251.0100,
-15.2879, 3.4992

■ 118.9150,
-28.0591, -6.9415

■ 254.3160, -2.6208,
0.5999

■ 94.0290, -27.6223,
-7.0414

■ 69.0290, -27.6223,
-7.0414

■ 47.1690, -23.2543,
-8.0412

■ 26.7800, -13.2025,

-12.0851

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 199.3450,
-30.2431, -6.4416

■ 199.3450,
-30.2431, -6.4416

■ 195.1570,
-38.5314, -8.0307

■ 203.6470,
-21.5180, -4.9524

■ 190.5560,
-47.1091, -10.1346

■ 208.1340,
-13.3771, -2.7485

■ 186.2540,
-55.8342, -11.6238

■ 212.4360, -4.6519,
-1.2594

■ 181.7670,
-63.9751, -13.8277

■ 216.9230, 3.4890,
0.9445

■ 177.4650,
-72.7002, -15.3168

■ 221.1110, 11.7773,
2.5337

■ 172.9780,
-80.8412, -17.5207

■ 224.3440, 15.1134,
5.8373

■ 171.3540,
-84.4775, -17.8505

■ 226.1380, 14.2290,
9.5260

■ 227.9320, 13.3445,
13.2146

■ 230.0250, 12.3127,
17.5181

Harmonies

Analogous

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



203.2350, -36.5979, 25.2269



199.3450, -30.2431, -6.4416



193.7780, -13.6946, -41.0243

Triad

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



199.3450, -30.2431, -6.4416



184.8210, 34.5982, -84.0350



203.2690, 2.3324, 45.3681

Complementary

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



199.3450, -30.2431, -6.4416



153.6550, 30.2431, 6.4416

Split Complementary

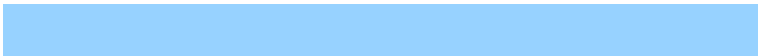
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.2970, 16.6156, 37.4505



199.3450, -30.2431, -6.4416



197.4890, 28.3529, -40.7709

Square

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



199.3450, -30.2431, -6.4416



178.3040, 31.8951, -103.7526



206.9120, 23.7074, 2.7082



200.6980, -15.1341, 47.6229

Rectangle

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



199.3450, -30.2431, -6.4416



188.5220, 1.2217, -65.3558



206.9120, 23.7074, 2.7082



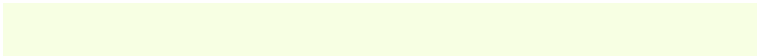
205.9250, 7.4320, 43.0388

Sweetspot

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



199.3450, -30.2431, -6.4416



249.4160, -11.0511, -2.1188



173.9370, -17.7169, 36.0123



124.5670, -6.6885, -1.3743



0.0000, 0.0000, 0.0000



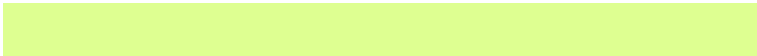
128.0000, 0.0000, 0.0000

Same Dimension

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



199.3450, -30.2431, -6.4416



232.5930, -43.1833, -9.2901



188.2820, -24.7890, -29.1883



104.8490, -4.3626, -0.7446



136.2570, -67.1747, -14.2574



34.2110, -16.8660, -3.6930

Inverse Universe

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



153.6550, 30.2431, 6.4416



167.4070, 43.1833, 9.2901



164.7180, 24.7890, 29.1883



98.4500, 4.2152, 1.3594



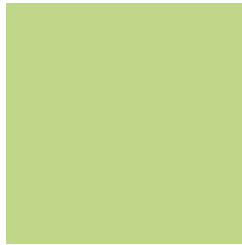
34.7430, 67.1747, 14.2574



8.7890, 16.8660, 3.6930

Previews

White Background



This preview shows how the YUV color 199.3450, -30.2431, -6.4416 looks on a white background.

Color Contrast Check

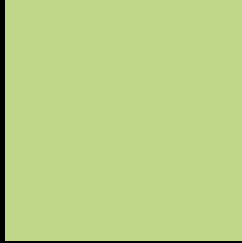
Large Text (above 18pt) WCAG AA × Fail

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 199.3450, -30.2431, -6.4416 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

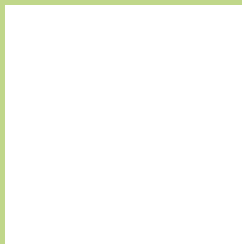
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.3450, -30.2431, -6.4416

Background



This preview shows how black text looks on a background with the YUV color 199.3450, -30.2431, -6.4416.



This preview shows how white text looks on a background with the YUV color 199.3450, -30.2431, -6.4416.

-6.4416.

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

199.3450, -30.2431, -6.4416

Protanopia

202.8750, -33.9554, 17.6496

Deuteranopia

205.0820, -31.0994, 35.0081



Tritanopia

206.2260, 7.2836, -2.8292

Trichromacy



Original Color

199.3450, -30.2431, -6.4416

Protanomaly

201.4610, -32.7653, 9.2427

Deuteranomaly

203.3960, -30.7612, 19.8237

Tritanomaly

203.9580, -6.3883, -4.3482

Monochromacy



Original Color

199.3450, -30.2431, -6.4416

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1170, -10.9037, -2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3450, -30.2431, -6.4416 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(192, 215, 138)` looks like.

```
.text, #text, p{  
    color:rgb(192, 215, 138)  
}
```

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(192, 215, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 215, 138) }
```

Border

The CSS property to change the border of an element to YUV 199.3450, -30.2431, -6.4416 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(192, 215, 138) }
```


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

```
.border{ border-color:rgb(192, 215, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 215, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 215, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 215, 138);  
box-shadow:4px 4px 4px 4px rgb(192, 215,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 199.3450, -30.2431, -6.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 215, 138) }
```

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

```
.background{ background-color: rgb(192,  
215, 138) }
```

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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