

Converting Colors

YUV(210.2310, -30.6799,
-6.3416)

Have a look what the booklet for
YUV(210.2310, -30.6799, -6.3416)
contains.

YUV(210.2310, -30.6799, -6.3416)	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(210.2310, -30.6799,
-6.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE294
RGB	203, 226, 148
RGB Percent	80%, 89%, 58%
CMY	0.2039, 0.1137, 0.4196
CMYK	0.10, 0.00, 0.35, 0.11
HSL	78°, 57%, 73%
HSV	78°, 35%, 89%
XYZ	57.1703, 69.2273, 38.3660
YIQ	210.2310, 11.3300, -29.1340

Conversions

Conversions Part 2

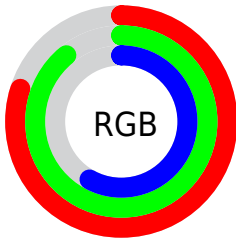
Format	Color
RYB	148, 226, 171
Decimal	13361812
CIELab	86.62, -20.25, 35.66
CIELCh	87, 41.009, 119.584
Yxy	69.2273, 0.3470, 0.4202
Android (android.graphics.Color)	4291551892 (0xFFCBE294)
YUV	210.2310, -30.6799, -6.3416
Hunter-Lab	83.2030, -22.9546, 30.9027

Details

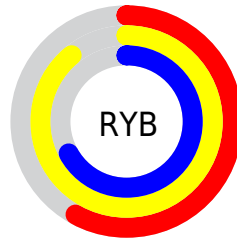
The YUV color $210.2310, -30.6799, -6.3416$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $163.7690, 30.6799, 6.3416$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, -22.7135, 5.1989$, and $155.5730, -29.3695, -6.6415$ is the 20% darker color. If you saturate the color by 10%, you get $205.5160, -39.6944, -8.3455$, and if you desaturate by 10%, it is $214.9460, -21.6654, -4.3376$.

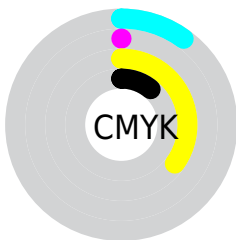
Distribution



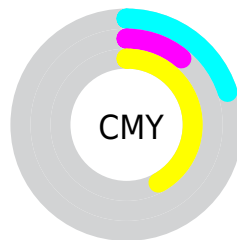
- Red (80%)
- Green (89%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2310, -30.6799, -6.3416 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 210.2310, -30.6799, -6.3416 by changing the saturation by 10% instead.

■ 210.2310,
-30.6799, -6.3416

■ 210.2310,
-30.6799, -6.3416

255.0000, 0.0000,
0.0000

■ 182.4590,
-29.8063, -6.5415

■ 249.0720,
-22.7135, 5.1989

■ 155.5730,
-29.3695, -6.6415

■ 252.2640,
-10.4832, 2.3995

■ 128.8010,
-28.4959, -6.8415

■ 103.3280,
-27.7697, -6.4267

■ 79.0290, -27.6223,
-7.0414

■ 54.8440, -27.0381,
-7.7562

■ 34.4660, -16.9917,

-10.0557

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 210.2310,
-30.6799, -6.3416

■ 210.2310,
-30.6799, -6.3416

■ 205.5160,
-39.6944, -8.3455

■ 214.9460,
-21.6654, -4.3376

■ 201.2140,
-48.4195, -9.8347

■ 219.2480,
-12.9403, -2.8485

■ 196.4990,
-57.4340, -11.8386

■ 223.9630, -3.9258,
-0.8446

■ 191.8980,
-66.0117, -13.9425

■ 228.5640, 4.6519,
1.2594

■ 187.4820,
-75.1736, -15.3317

■ 232.2960, 11.1931,
3.2484

■ 182.7670,
-84.1881, -17.3357

■ 234.3890, 10.1612,
7.5518

■ 180.2030,
-88.8401, -18.5950

■ 236.4820, 9.1294,
11.8553

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



214.4200, -37.1821, 25.9417



210.2310, -30.6799, -6.3416



204.3650, -13.9839, -41.5391

Triad

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



210.2310, -30.6799, -6.3416



195.1650, 29.4987, -81.7057



210.9800, 3.9539, 38.6055

Complementary

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



210.2310, -30.6799, -6.3416



163.7690, 30.6799, 6.3416

Split Complementary

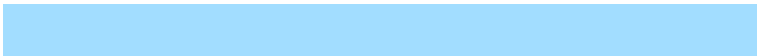
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.1930, 17.6529, 31.4027



210.2310, -30.6799, -6.3416



207.2350, 23.5481, -39.6711

Square

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



210.2310, -30.6799, -6.3416



190.7990, 31.1581, -100.6787



216.6580, 18.9026, 3.8079



208.2950, -13.9494, 40.9603

Rectangle

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



210.2310, -30.6799, -6.3416



199.4080, 0.7849, -65.2558



216.6580, 18.9026, 3.8079



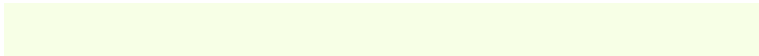
213.0490, 9.3428, 36.7910

Sweetspot

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



210.2310, -30.6799, -6.3416



249.7580, -9.7407, -2.4188



184.2360, -17.8643, 36.6270



124.6810, -6.2517, -1.4742



0.0000, 0.0000, 0.0000



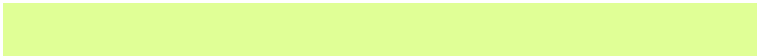
128.0000, 0.0000, 0.0000

Same Dimension

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



210.2310, -30.6799, -6.3416



233.7610, -41.2942, -8.5604



198.8690, -25.0784, -29.7031



109.8490, -4.3626, -0.7446



140.3880, -69.2113, -14.3723



38.3420, -18.9026, -3.8079

Inverse Universe

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



163.7690, 30.6799, 6.3416



171.2390, 41.2942, 8.5604



175.1310, 25.0784, 29.7031



103.1510, 4.3626, 0.7446



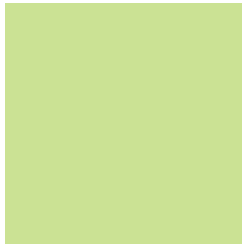
35.6120, 69.2113, 14.3723



9.6580, 18.9026, 3.8079

Previews

White Background



This preview shows how the YUV color 210.2310, -30.6799, -6.3416 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 210.2310, -30.6799, -6.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

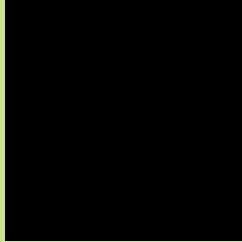
Any Text WCAG AA ✓ Pass

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 210.2310, -30.6799, -6.3416 Background



This preview shows how black text looks on a background with the YUV color 210.2310, -30.6799, -6.3416.



This preview shows how white text looks on a background with the YUV color 210.2310, -30.6799, -6.3416.

-6.3416.

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

210.2310, -30.6799, -6.3416

Protanopia

213.4730, -34.2502, 18.8792

Deuteranopia

216.3530, -28.7680, 33.8934



Tritanopia

217.3400, 7.7204, -2.9292

Trichromacy



Original Color

210.2310, -30.6799, -6.3416

Protanomaly

212.3470, -33.2021, 9.3427

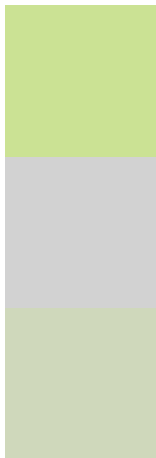
Deuteranomaly

214.3250, -29.7402, 19.0090

Tritanomaly

214.9580, -6.3883, -4.3482

Monochromacy



Original Color

210.2310, -30.6799, -6.3416

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0030, -11.3405, -2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2310, -30.6799, -6.3416 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(203, 226, 148)` looks like.

```
.text, #text, p{  
    color:rgb(203, 226, 148)  
}
```

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(203, 226, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 226, 148) }
```

Border

The CSS property to change the border of an element to YUV 210.2310, -30.6799, -6.3416 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(203, 226, 148) }
```


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

```
.border{ border-color:rgb(203, 226, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 226, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 226, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 226, 148);  
box-shadow:4px 4px 4px 4px rgb(203, 226,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 210.2310, -30.6799, -6.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 226, 148) }
```

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

```
.background{ background-color: rgb(203,  
226, 148) }
```

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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