

Converting Colors

YUV(200.1530, 14.7146,
-6.2732)

Have a look what the booklet for
YUV(200.1530, 14.7146, -6.2732)
contains.

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Color

**YUV(200.1530, 14.7146,
-6.2732)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6E6
RGB	193, 198, 230
RGB Percent	76%, 78%, 90%
CMY	0.2431, 0.2235, 0.0980
CMYK	0.16, 0.14, 0.00, 0.10
HSL	232°, 43%, 83%
HSV	232°, 16%, 90%
XYZ	56.4693, 57.4388, 82.9735
YIQ	200.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

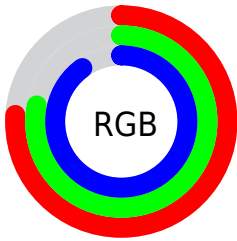
Format	Color
R _Y B	193, 197, 230
Decimal	12699366
CIE Lab	80.43, 4.71, -16.43
CIE LCh	80, 17.089, 285.985
Yxy	57.4388, 0.2868, 0.2917
Android (android.graphics.Color)	4290889446 (0xFFC1C6E6)
YUV	200.1530, 14.7146, -6.2732
Hunter-Lab	75.7884, 0.3693, -11.8591

Details

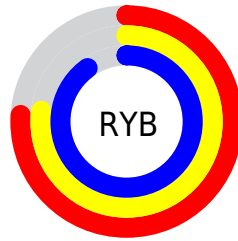
The YUV color $200.1530, 14.7146, -6.2732$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.8470, -14.7146, 6.2732$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $145.9250, 13.8410, -6.0732$ is the 20% darker color. If you saturate the color by 10%, you get $181.5360, 23.8928, -10.1171$, and if you desaturate by 10%, it is $218.7700, 5.5364, -2.4293$.

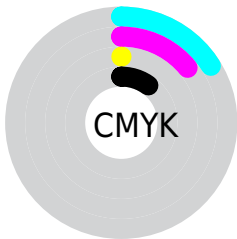
Distribution



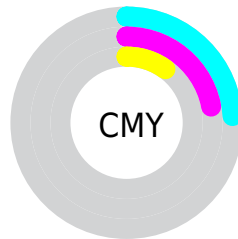
- Red (76%)
- Green (78%)
- Blue (90%)



- Red (76%)
- Yellow (77%)
- Blue (90%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1530, 14.7146, -6.2732 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 200.1530, 14.7146, -6.2732 by changing the saturation by 10% instead.

■ 200.1530, 14.7146,
-6.2732

■ 200.1530, 14.7146,
-6.2732

255.0000, 0.0000,
0.0000

■ 173.0390, 14.2778,
-6.1732

■ 253.5050, 0.7370,
-3.0739

■ 145.9250, 13.8410,
-6.0732

■ 120.5120, 13.5516,
-6.5880

■ 95.6970, 12.9674,
-5.8733

■ 71.5830, 12.5306,
-5.7733

■ 49.0560, 11.8044,
-6.1881

■ 27.6430, 11.5150,

-6.7029

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

■ 200.1530, 14.7146,
-6.2732

■ 200.1530, 14.7146,
-6.2732

■ 181.5360, 23.8928,
-10.1171

■ 218.7700, 5.5364,
-2.4293

■ 162.9190, 33.0709,
-13.9610

■ 237.3870, -3.6418,
1.4146

■ 144.3020, 42.2491,
-17.8049

■ 252.1500,
-10.9200, 2.4994

■ 125.6850, 51.4273,
-21.6487

■ 107.6550, 60.3161,
-26.0074

■ 89.0380, 69.4943,
-29.8513

■ 70.4210, 78.6724,
-33.6952

■ 51.8040, 87.8506,
-37.5391

■ 44.4170, 91.4924,
-38.9537

Harmonies

Analogous

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



197.1080, 16.2158, -21.1427



200.1530, 14.7146, -6.2732



202.2860, 9.7190, 9.3962

Triad

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



200.1530, 14.7146, -6.2732



201.0650, -11.8640, 25.3760



194.1020, -1.5293, -22.8915

Complementary

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



200.1530, 14.7146, -6.2732



222.8470, -14.7146, 6.2732

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.



196.4150, -9.5716, -10.0110



200.1530, 14.7146, -6.2732



200.0980, -15.3313, 17.4541

Square

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



200.1530, 14.7146, -6.2732



202.3840, -5.6123, 26.8502



197.9500, -14.2723, 4.4289



193.9360, 6.9336, -30.6389

Rectangle

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



200.1530, 14.7146, -6.2732



202.4890, 5.1819, 17.9881



197.9500, -14.2723, 4.4289



195.0270, -4.4503, -19.3177

Sweetspot

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



200.1530, 14.7146, -6.2732



244.6560, 5.0996, -2.3293



218.2530, 2.8333, -22.1469



121.4990, 3.2050, -1.3146



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.



200.1530, 14.7146, -6.2732



215.9940, 19.2300, -7.8877



201.1050, 14.2452, 4.2929



105.5420, 4.6628, -2.2293



34.4940, 71.2415, -30.2512



9.9230, 20.2510, -8.7025

Inverse Universe

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



204.6330, -3.2701, 22.2469



222.0360, -4.4547, 28.9094



221.8950, -14.2452, -4.2929



106.8160, -0.8953, 7.1774



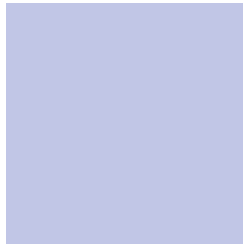
56.2570, -15.9027, 107.6456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 200.1530, 14.7146, -6.2732 looks on a white background.

Color Contrast Check

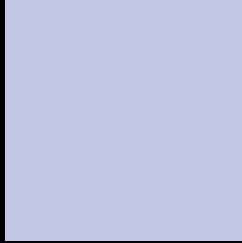
Large Text (above 18pt) WCAG AA × Fail

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 200.1530, 14.7146, -6.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

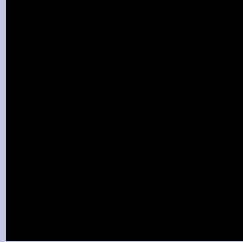
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.1530, 14.7146, -6.2732

Background



This preview shows how black text looks on a background with the YUV color 200.1530, 14.7146, -6.2732.



This preview shows how white text looks on a background with the YUV color 200.1530, 14.7146, -6.2732.

-6.2732.

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

200.1530, 14.7146, -6.2732

Protanopia

200.4520, 14.5672, -5.6584

Deuteranopia

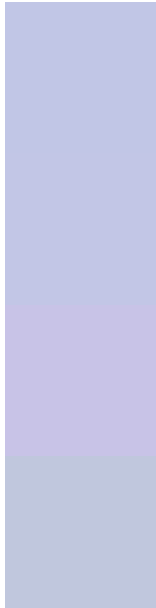
201.2080, 14.6875, 2.4486



Tritanopia

199.1330, 8.3154, -7.1326

Trichromacy



Original Color

200.1530, 14.7146, -6.2732

Protanomaly

200.4520, 14.5672, -5.6584

Deuteranomaly

200.5990, 14.9877, -0.5253

Tritanomaly

199.4150, 10.6414, -6.5030

Monochromacy



Original Color

200.1530, 14.7146, -6.2732

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1530, 14.7146, -6.2732 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, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 230)  
}
```

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, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 230) }
```

Border

The CSS property to change the border of an element to YUV 200.1530, 14.7146, -6.2732 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, 198, 230) }
```


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

```
.border{ border-color:rgb(193, 198, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 230);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 200.1530, 14.7146, -6.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 230) }
```

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

```
.background{ background-color: rgb(193,  
198, 230) }
```

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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