

Converting Colors

YUV(200.3810, 15.5882,
-6.4731)

Have a look what the booklet for
YUV(200.3810, 15.5882, -6.4731)
contains.

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Color

**YUV(200.3810, 15.5882,
-6.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6E8
RGB	193, 198, 232
RGB Percent	76%, 78%, 91%
CMY	0.2431, 0.2235, 0.0902
CMYK	0.17, 0.15, 0.00, 0.09
HSL	232°, 46%, 83%
HSV	232°, 17%, 91%
XYZ	56.7519, 57.5518, 84.4614
YIQ	200.3810, -13.8940, 9.5140

Conversions

Conversions Part 2

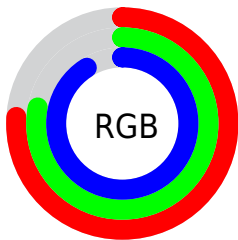
Format	Color
R _Y B	193, 197, 232
Decimal	12699368
CIE Lab	80.49, 5.13, -17.40
CIE LCh	80, 18.146, 286.433
Yxy	57.5518, 0.2855, 0.2895
Android (android.graphics.Color)	4290889448 (0xFFC1C6E8)
YUV	200.3810, 15.5882, -6.4731
Hunter-Lab	75.8629, 0.7730, -12.9060

Details

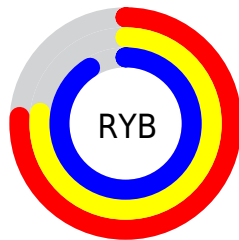
The YUV color $200.3810, 15.5882, -6.4731$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $224.6190, -15.5882, 6.4731$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $146.1530, 14.7146, -6.2732$ is the 20% darker color. If you saturate the color by 10%, you get $181.7640, 24.7663, -10.3170$, and if you desaturate by 10%, it is $218.9980, 6.4100, -2.6292$.

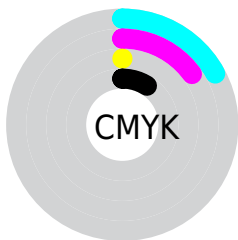
Distribution



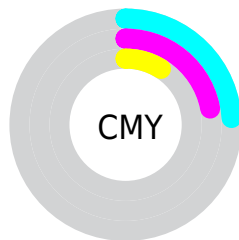
- Red (76%)
- Green (78%)
- Blue (91%)



- Red (76%)
- Yellow (77%)
- Blue (91%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3810, 15.5882, -6.4731 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 200.3810, 15.5882, -6.4731 by changing the saturation by 10% instead.

■ 200.3810, 15.5882,
-6.4731

■ 200.3810, 15.5882,
-6.4731

255.0000, 0.0000,
0.0000

■ 173.2670, 15.1514,
-6.3732

■ 253.5050, 0.7370,
-3.0739

■ 146.1530, 14.7146,
-6.2732

■ 120.7400, 14.4252,
-6.7880

■ 95.6260, 13.9884,
-6.6880

■ 71.5120, 13.5516,
-6.5880

■ 48.9850, 12.8254,
-7.0028

■ 27.4580, 12.0992,

-7.4177

■ 3.5340, 13.5407,
-3.0993

■ 0.2280, 0.8736,
-0.2000

■ 200.3810, 15.5882,
-6.4731

■ 200.3810, 15.5882,
-6.4731

■ 181.7640, 24.7663,
-10.3170

■ 218.9980, 6.4100,
-2.6292

■ 163.1470, 33.9445,
-14.1609

■ 237.6150, -2.7682,
1.2146

■ 143.6440, 43.5595,
-18.1048

■ 252.3780,
-10.0464, 2.2995

■ 125.0270, 52.7377,
-21.9487

■ 106.4100, 61.9159,
-25.7926

■ 87.7930, 71.0941,
-29.6365

■ 68.5890, 80.5616,
-32.9656

■ 49.6730, 89.8872,
-37.4242

■ 44.0580, 92.6554,
-38.6389

Harmonies

Analogous

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



197.6240, 16.9474, -22.4722



200.3810, 15.5882, -6.4731



202.1120, 10.2978, 10.4258

Triad

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



200.3810, 15.5882, -6.4731



201.5490, -12.5957, 26.7055



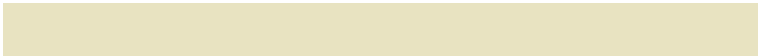
194.0910, -1.5239, -24.6358

Complementary

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



200.3810, 15.5882, -6.4731



224.6190, -15.5882, 6.4731

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.



196.0020, -9.8610, -10.5258



200.3810, 15.5882, -6.4731



200.1690, -16.3523, 18.2688

Square

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



200.3810, 15.5882, -6.4731



202.6940, -5.7651, 29.2094



198.3090, -15.4353, 4.1140



193.7400, 7.5232, -33.0980

Rectangle

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



200.3810, 15.5882, -6.4731



203.2010, 5.3239, 19.1177



198.3090, -15.4353, 4.1140



194.7280, -4.3029, -19.9325

Sweetspot

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



200.3810, 15.5882, -6.4731



244.6560, 5.0996, -2.3293



219.7690, 3.5649, -23.4764



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.



200.3810, 15.5882, -6.4731



213.9230, 20.2510, -8.7025



201.6320, 14.9714, 4.7077



105.5420, 4.6628, -2.2293



33.9070, 71.5308, -29.7364



9.9230, 20.2510, -8.7025

Inverse Universe

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



205.2310, -3.5649, 23.4764



220.0470, -4.4602, 30.6538



223.3680, -14.9714, -4.7077



106.8160, -0.8953, 7.1774



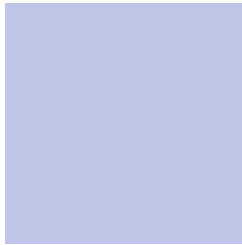
56.1430, -16.3395, 107.7456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 200.3810, 15.5882, -6.4731 looks on a white background.

Color Contrast Check

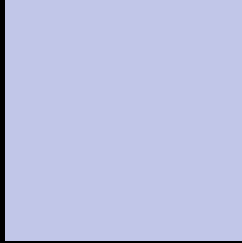
Large Text (above 18pt) WCAG AA × Fail

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 200.3810, 15.5882, -6.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

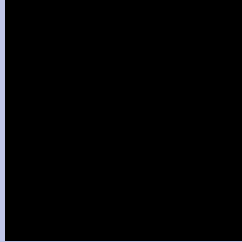
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.3810, 15.5882, -6.4731

Background



This preview shows how black text looks on a background with the YUV color 200.3810, 15.5882, -6.4731.



This preview shows how white text looks on a background with the YUV color 200.3810, 15.5882, -6.4731.

-6.4731.

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

200.3810, 15.5882, -6.4731

Protanopia

200.3810, 15.5882, -6.4731

Deuteranopia

201.7240, 15.4191, 1.1191



Tritanopia

199.5350, 8.6102, -8.3622

Trichromacy



Original Color

200.3810, 15.5882, -6.4731

Protanomaly

200.3810, 15.5882, -6.4731

Deuteranomaly

201.1150, 15.7193, -1.8549

Tritanomaly

199.8170, 10.9362, -7.7325

Monochromacy



Original Color

200.3810, 15.5882, -6.4731

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3810, 15.5882, -6.4731 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 232) }
```

Border

The CSS property to change the border of an element to YUV 200.3810, 15.5882, -6.4731 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, 232) }
```


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

```
.border{ border-color:rgb(193, 198, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 232);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 200.3810, 15.5882, -6.4731 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, 232) }
```

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

```
.background{ background-color: rgb(193,  
198, 232) }
```

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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