

Converting Colors

YUV(190.2300, 14.6766, 5.9373)

Have a look what the booklet for
YUV(190.2300, 14.6766, 5.9373)
contains.

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Color

**YUV(190.2300, 14.6766,
5.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B5DC
RGB	197, 181, 220
RGB Percent	77%, 71%, 86%
CMY	0.2275, 0.2902, 0.1373
CMYK	0.10, 0.18, 0.00, 0.14
HSL	265°, 36%, 79%
HSV	265°, 18%, 86%
XYZ	52.4681, 50.0854, 74.6122
YIQ	190.2300, -2.9830, 15.5210

Conversions

Conversions Part 2

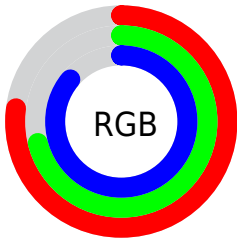
Format	Color
R_{YB}	197, 181, 220
Decimal	12957148
CIE _{Lab}	76.12, 13.09, -17.49
CIE _{LCh}	76, 21.847, 306.797
Yxy	50.0854, 0.2962, 0.2827
Android (android.graphics.Color)	4291147228 (0xFFC5B5DC)
YUV	190.2300, 14.6766, 5.9373
Hunter-Lab	70.7710, 8.4867, -12.9683

Details

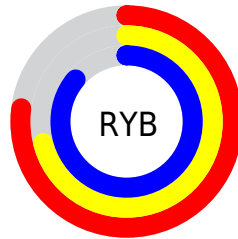
The YUV color $190.2300, 14.6766, 5.9373$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.7700, -14.6766, -5.9373$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1350, 5.3564, 8.6516$, and $136.7030, 13.9504, 5.5225$ is the 20% darker color. If you saturate the color by 10%, you get $173.4290, 22.9595, 9.2708$, and if you desaturate by 10%, it is $207.0310, 6.3937, 2.6038$.

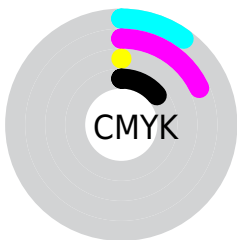
Distribution



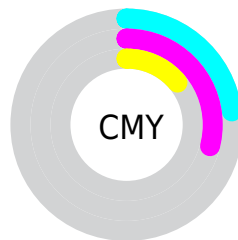
- Red (77%)
- Green (71%)
- Blue (86%)



- Red (77%)
- Yellow (71%)
- Blue (86%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2300, 14.6766, 5.9373 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 190.2300, 14.6766, 5.9373 by changing the saturation by 10% instead.

■ 190.2300, 14.6766,
5.9373

■ 190.2300, 14.6766,
5.9373

255.0000, 0.0000,
0.0000

■ 163.1160, 14.2398,
6.0373

■ 244.1350, 5.3564,
8.6516

■ 136.7030, 13.9504,
5.5225

■ 111.2900, 13.6610,
5.0077

■ 86.7630, 12.9348,
4.5928

■ 63.2360, 12.2087,
4.1780

■ 41.1220, 11.7719,
4.2780

■ 20.2960, 11.1931,

3.2484

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 190.2300, 14.6766,
5.9373

■ 190.2300, 14.6766,
5.9373

■ 173.4290, 22.9595,
9.2708

■ 207.0310, 6.3937,
2.6038

■ 156.6280, 31.2424,
12.6042

■ 223.8320, -1.8892,
-0.7297

■ 139.8270, 39.5253,
15.9377

■ 240.6330,
-10.1721, -4.0631

■ 123.0260, 47.8082,
19.2712

■ 249.2160,
-14.4035, -0.1894

■ 106.2250, 56.0911,
22.6047

■ 251.0100,
-15.2879, 3.4992

■ 89.4240, 64.3740,
25.9382

■ 72.6230, 72.6569,
29.2716

■ 55.8220, 80.9398,
32.6051

■ 51.9900, 82.8289,
33.3348

Harmonies

Analogous

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



187.0640, 19.6884, -14.9651



190.2300, 14.6766, 5.9373



191.1630, 6.3286, 23.5360

Triad

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



190.2300, 14.6766, 5.9373



188.3440, -18.4106, 25.1313



179.3650, 6.2291, -38.0311

Complementary

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



190.2300, 14.6766, 5.9373



210.7700, -14.6766, -5.9373

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.



181.4670, -5.1602, -24.9656



190.2300, 14.6766, 5.9373



186.4300, -18.9460, 10.1469

Square

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



190.2300, 14.6766, 5.9373



190.1800, -12.9067, 33.1681



184.1720, -14.3818, -7.1668



180.0470, 15.2598, -41.2602

Rectangle

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



190.2300, 14.6766, 5.9373



191.4860, -0.2396, 30.2688



184.1720, -14.3818, -7.1668



180.0620, 2.4344, -34.2574

Sweetspot

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



190.2300, 14.6766, 5.9373



244.9770, 4.9413, 1.7742



198.9470, 10.3791, -15.7395



121.8090, 3.0522, 1.0445



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.



190.2300, 14.6766, 5.9373



213.7340, 20.3441, 8.1263



195.9110, 11.8759, 17.6181



101.4500, 4.2151, 1.3593



40.9510, 65.1002, 26.3530



10.9250, 17.2920, 7.0818

Inverse Universe

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



195.2830, 4.2975, 21.6768



220.7940, 6.0176, 29.9987



205.0890, -11.8759, -17.6181



102.9730, 0.9993, 6.1627



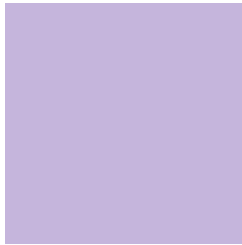
63.3550, 19.0520, 96.1587



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 190.2300, 14.6766, 5.9373 looks on a white background.

Color Contrast Check

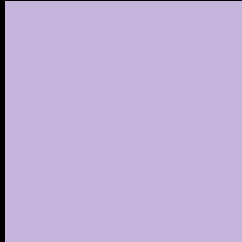
Large Text (above 18pt) WCAG AA × Fail

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 190.2300, 14.6766, 5.9373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

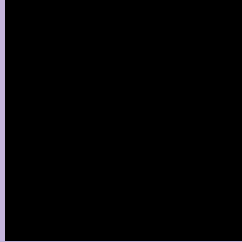
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.2300, 14.6766, 5.9373

Background



This preview shows how black text looks on a background with the YUV color 190.2300, 14.6766, 5.9373.



This preview shows how white text looks on a background with the YUV color 190.2300, 14.6766,

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

190.2300, 14.6766, 5.9373

Protanopia

188.4240, 17.0460, -7.3878

Deuteranopia

189.6100, 14.9823, 1.2190



Tritanopia

189.2870, 4.7885, 4.1333

Trichromacy



Original Color

190.2300, 14.6766, 5.9373

Protanomaly

188.9300, 16.3035, -2.5696

Deuteranomaly

189.6210, 14.9768, 2.9634

Tritanomaly

189.9110, 8.4249, 4.4631

Monochromacy



Original Color

190.2300, 14.6766, 5.9373

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3900, 5.2307, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2300, 14.6766, 5.9373 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(197, 181, 220)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 220)  
}
```

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(197, 181, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 220) }
```

Border

The CSS property to change the border of an element to YUV 190.2300, 14.6766, 5.9373 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(197, 181, 220) }
```


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

```
.border{ border-color:rgb(197, 181, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 181, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 220);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 190.2300, 14.6766, 5.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 220) }
```

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

```
.background{ background-color: rgb(197,  
181, 220) }
```

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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