

Converting Colors

YUV(195.0810, 20.6661,
-1.8250)

Have a look what the booklet for
YUV(195.0810, 20.6661, -1.8250)
contains.

YUV(195.0810, 20.6661, -1.8250)	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(195.0810, 20.6661,
-1.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BCED
RGB	193, 188, 237
RGB Percent	76%, 74%, 93%
CMY	0.2431, 0.2627, 0.0706
CMYK	0.19, 0.21, 0.00, 0.07
HSL	246°, 58%, 83%
HSV	246°, 21%, 93%
XYZ	55.2616, 53.4183, 87.5189
YIQ	195.0810, -12.7490, 16.2990

Conversions

Conversions Part 2

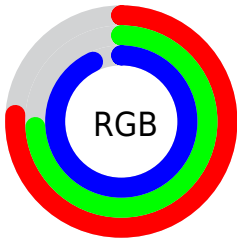
Format	Color
R_{YB}	193, 188, 237
Decimal	12696813
CIE _{Lab}	78.12, 11.62, -23.68
CIE _{LCh}	78, 26.376, 296.141
Yxy	53.4183, 0.2817, 0.2723
Android (android.graphics.Color)	4290886893 (0xFFC1BCED)
YUV	195.0810, 20.6661, -1.8250
Hunter-Lab	73.0878, 7.0599, -19.8352

Details

The YUV color **195.0810, 20.6661, -1.8250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **229.9190, -20.6661, 1.8250**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.0480, 3.9203, 2.5889**, and **141.4400, 19.5031, -2.1399** is the 20% darker color. If you saturate the color by 10%, you get **174.7140, 30.7070, -2.3802**, and if you desaturate by 10%, it is **215.4480, 10.6251, -1.2699**.

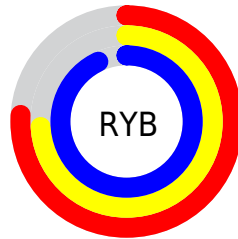
Distribution



Red (76%)

Green (74%)

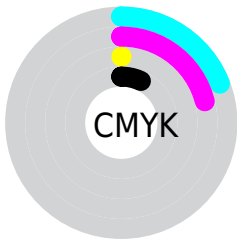
Blue (93%)



Red (76%)

Yellow (74%)

Blue (93%)

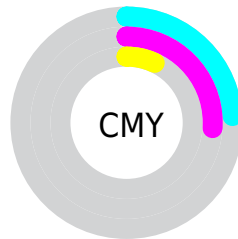


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0810, 20.6661, -1.8250 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 195.0810, 20.6661, -1.8250 by changing the saturation by 10% instead.

■ 195.0810, 20.6661,
-1.8250

■ 195.0810, 20.6661,
-1.8250

255.0000, 0.0000,
0.0000

■ 167.9670, 20.2293,
-1.7251

■ 247.0480, 3.9203,
2.5889

■ 141.4400, 19.5031,
-2.1399

■ 115.9130, 18.7769,
-2.5547

■ 90.7990, 18.3401,
-2.4547

■ 67.2720, 17.6139,
-2.8695

■ 44.4460, 17.0351,
-3.8991

■ 22.7940, 15.8776,

-5.9583

■ 3.8760, 14.8511,
-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 195.0810, 20.6661,
-1.8250

■ 195.0810, 20.6661,
-1.8250

■ 174.7140, 30.7070,
-2.3802

■ 215.4480, 10.6251,
-1.2699

■ 154.6350, 40.6059,
-4.0649

■ 235.5270, 0.7262,
0.4148

■ 134.2680, 50.6469,
-4.6200

■ 252.9480, -7.8624,
1.7996

■ 113.9010, 60.6878,
-5.1752

■ 94.1210, 70.4393,
-6.2451

■ 73.4550, 80.6277,
-7.4150

■ 53.0880, 90.6686,
-7.9702

■ 34.1940, 99.9834,
-8.9401

Harmonies

Analogous

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



190.1810, 25.5468, -27.3457



195.0810, 20.6661, -1.8250



197.2320, 11.7176, 21.7215

Triad

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



195.0810, 20.6661, -1.8250



194.2420, -20.3323, 34.8678



183.4200, 2.7509, -42.4643

Complementary

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



195.0810, 20.6661, -1.8250



229.9190, -20.6661, 1.8250

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.



186.3980, -10.5492, -23.1510



195.0810, 20.6661, -1.8250



192.0460, -23.1937, 19.2537

Square

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



195.0810, 20.6661, -1.8250



196.2780, -11.4761, 40.9752



189.7230, -20.0764, -0.6341



182.3830, 15.5872, -52.9559

Rectangle

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



195.0810, 20.6661, -1.8250



197.6480, 4.1175, 32.7577



189.7230, -20.0764, -0.6341



184.3130, -1.6333, -36.2315

Sweetspot

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



195.0810, 20.6661, -1.8250



242.0090, 6.4046, -0.8849



219.4140, 8.6699, -27.5501



120.0260, 3.9312, -0.8998



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.



195.0810, 20.6661, -1.8250



200.3890, 26.9232, -2.0952



202.2570, 17.1283, 12.9296



107.5530, 4.6574, -0.4850



26.0160, 76.4071, -7.0300



7.6510, 22.8501, -2.3249

Inverse Universe

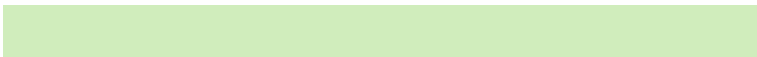
The Inverse Universe completely reimagines the original color for something new.



207.6670, 11.9962, 25.7250



216.6340, 15.4634, 33.6470



222.7430, -17.1283, -12.9296



110.4290, 2.7465, 5.7628



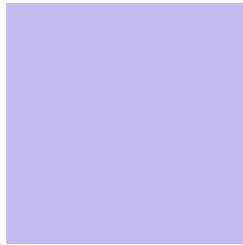
72.7010, 44.5174, 94.9782



21.6180, 13.0063, 28.3990

Previews

White Background



This preview shows how the YUV color 195.0810, 20.6661, -1.8250 looks on a white background.

Color Contrast Check

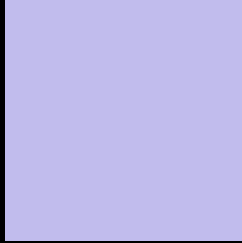
Large Text (above 18pt) WCAG AA × Fail

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 195.0810, 20.6661, -1.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

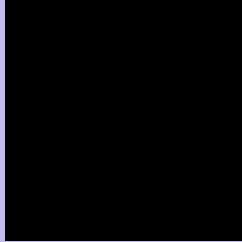
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.0810, 20.6661, -1.8250

Background



This preview shows how black text looks on a background with the YUV color 195.0810, 20.6661, -1.8250.



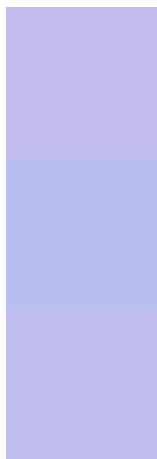
This preview shows how white text looks on a background with the YUV color 195.0810, 20.6661, -1.8250.

-1.8250.

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

195.0810, 20.6661, -1.8250

Protanopia

193.7810, 22.2930, -10.3319

Deuteranopia

194.7710, 20.8189, -4.1842



Tritanopia

193.2150, 7.2890, -4.5736

Trichromacy



Original Color

195.0810, 20.6661, -1.8250

Protanomaly

194.2760, 21.5559, -7.2581

Deuteranomaly

195.0700, 20.6715, -3.5694

Tritanomaly

193.8930, 12.3778, -3.4142

Monochromacy



Original Color

195.0810, 20.6661, -1.8250

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.6500, 7.5676, -0.5700

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0810, 20.6661, -1.8250 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, 188, 237)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 237)  
}
```

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, 188, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 237) }
```

Border

The CSS property to change the border of an element to YUV 195.0810, 20.6661, -1.8250 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, 188, 237) }
```


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

```
.border{ border-color:rgb(193, 188, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 237);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 195.0810, 20.6661, -1.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 237) }
```

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

```
.background{ background-color: rgb(193,  
188, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor