

Converting Colors

YUV(83.0810, 20.6661, -1.8250)

Have a look what the booklet for
YUV(83.0810, 20.6661, -1.8250)
contains.

YUV(83.0810, 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(83.0810, 20.6661,
-1.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	514C7D
RGB	81, 76, 125
RGB Percent	32%, 30%, 49%
CMY	0.6824, 0.7020, 0.5098
CMYK	0.35, 0.39, 0.00, 0.51
HSL	246°, 24%, 39%
HSV	246°, 39%, 49%
XYZ	9.6795, 8.3989, 20.5130
YIQ	83.0810, -12.7490, 16.2990

Conversions

Conversions Part 2

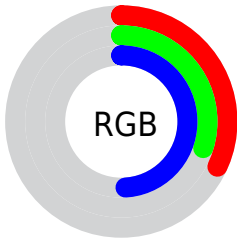
Format	Color
R_{YB}	81, 76, 125
Decimal	5327997
CIE _{Lab}	34.80, 14.53, -27.07
CIE _{LCh}	35, 30.719, 298.223
Yxy	8.3989, 0.2508, 0.2176
Android (android.graphics.Color)	4283518077 (0xFF514C7D)
YUV	83.0810, 20.6661, -1.8250
Hunter-Lab	28.9808, 8.9017, -21.6797

Details

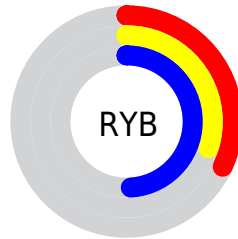
The YUV color **83.0810, 20.6661, -1.8250** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.9190, -20.6661, 1.8250**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1350, 22.1184, -0.9954**, and **37.3150, 19.0717, -3.7843** is the 20% darker color. If you saturate the color by 10%, you get **72.7480, 25.7602, -2.4100**, and if you desaturate by 10%, it is **94.0010, 15.2825, -1.7549**.

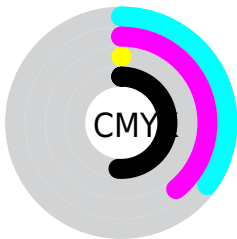
Distribution



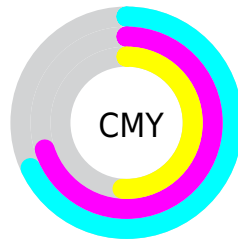
- Red (32%)
- Green (30%)
- Blue (49%)



- Red (32%)
- Yellow (30%)
- Blue (49%)



- Cyan (35%)
- Magenta (39%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0810, 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 83.0810, 20.6661, -1.8250 by changing the saturation by 10% instead.

■ 83.0810, 20.6661,
-1.8250

■ 83.0810, 20.6661,
-1.8250

■ 255.0000, 0.0000,
0.0000

■ 59.5540, 19.9399,
-2.2399

■ 133.1350, 22.1184,
-0.9954

■ 37.3150, 19.0717,
-3.7843

■ 159.6620, 22.8446,
-0.5806

■ 14.6030, 18.9297,
-4.9138

■ 186.1890, 23.5708,
-0.1658

■ 4.7080, 12.9620,
-4.1289

■ 213.3910, 20.5132,
0.5341

■ 0.2280, 0.8736,
-0.2000

■ 238.4980, 8.1355,
3.9483

■ 0.0000, 0.0000,
0.0000

■ 83.0810, 20.6661,
-1.8250

■ 83.0810, 20.6661,
-1.8250

■ 72.7480, 25.7602,
-2.4100

■ 94.0010, 15.2825,
-1.7549

■ 61.8280, 31.1438,
-2.4802

■ 104.3340, 10.1883,
-1.1699

■ 51.1960, 36.3854,
-3.6799

■ 115.5530, 4.6574,
-0.4850

■ 40.2760, 41.7689,
-3.7501

■ 125.8860, -0.4368,
0.1000

■ 29.9430, 46.8631,
-4.3350

■ 136.8060, -5.8204,
0.1701

■ 19.0230, 52.2467,
-4.4052

■ 147.1390,
-10.9145, 0.7551

■ 18.1370, 52.6835,
-4.5051

■ 158.3580,
-16.4455, 1.4400

■ 168.6910,

-21.5397, 2.0250

■ 179.0240,
-26.6338, 2.6100

Harmonies

Analogous

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



74.0980, 28.0527, -37.7969



83.0810, 20.6661, -1.8250



84.8300, 11.4228, 22.9511

Triad

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



83.0810, 20.6661, -1.8250



81.0350, -19.7373, 30.6643



64.2980, 7.7411, -56.3893

Complementary

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



83.0810, 20.6661, -1.8250



117.9190, -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.



72.8320, -8.7912, -27.0397



83.0810, 20.6661, -1.8250



79.4970, -23.9090, 15.3501

Square

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



83.0810, 20.6661, -1.8250



81.7940, -10.7444, 39.6457



77.1140, -19.7762, -3.6080



67.0340, 18.2242, -58.7888

Rectangle

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



83.0810, 20.6661, -1.8250



83.4740, 4.6963, 33.7873



77.1140, -19.7762, -3.6080



63.8700, 3.5151, -54.2600

Sweetspot

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



83.0810, 20.6661, -1.8250



146.7640, 8.0043, -0.6700



107.4140, 8.6699, -27.5501



71.6670, 5.0942, -0.5850



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



83.0810, 20.6661, -1.8250



97.1700, 32.4542, -2.7801



90.2570, 17.1283, 12.9296



58.0970, 2.9102, -0.0851



18.4790, 53.9939, -4.8051



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.6670, 11.9962, 25.7250



116.8890, 18.7887, 40.4393



110.7430, -17.1283, -12.9296



59.7770, 1.5889, 3.7036



51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 83.0810, 20.6661, -1.8250 looks on a white 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

Black Background



This preview shows how the YUV color 83.0810, 20.6661, -1.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

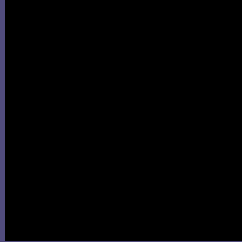
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0810, 20.6661, -1.8250

Background



This preview shows how black text looks on a background with the YUV color 83.0810, 20.6661, -1.8250.



This preview shows how white text looks on a background with the YUV color 83.0810, 20.6661,

-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

83.0810, 20.6661, -1.8250

Protanopia

80.8020, 23.7616, -14.7354

Deuteranopia

80.8080, 21.2937, -16.4946



Tritanopia

80.8080, 4.5317, -6.8476

Trichromacy



Original Color

83.0810, 20.6661, -1.8250

Protanomaly

81.8950, 22.7298, -10.4319

Deuteranomaly

81.7270, 20.8406, -11.1616

Tritanomaly

81.4260, 10.6360, -4.7586

Monochromacy



Original Color

83.0810, 20.6661, -1.8250

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.6500, 7.5676, -0.5700

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0810, 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(81, 76, 125)` looks like.

```
.text, #text, p{  
    color:rgb(81, 76, 125)  
}
```

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(81, 76, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 76, 125) }
```

Border

The CSS property to change the border of an element to YUV 83.0810, 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(81, 76, 125) }
```


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

```
.border{ border-color:rgb(81, 76, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 76, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 76, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 76, 125);  
box-shadow:4px 4px 4px 4px rgb(81, 76,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 83.0810, 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(81, 76, 125) }
```

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

```
.background{ background-color: rgb(81, 76,  
125) }
```

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