

Converting Colors

YUV(82.6720, 20.8677,
-19.8833)

Have a look what the booklet for
YUV(82.6720, 20.8677, -19.8833)
contains.

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Color

**YUV(82.6720, 20.8677,
-19.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	3C567D
RGB	60, 86, 125
RGB Percent	24%, 34%, 49%
CMY	0.7647, 0.6627, 0.5098
CMYK	0.52, 0.31, 0.00, 0.51
HSL	216°, 35%, 36%
HSV	216°, 52%, 49%
XYZ	8.8929, 9.0969, 20.6892
YIQ	82.6720, -28.0150, 6.6170

Conversions

Conversions Part 2

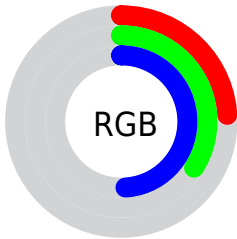
Format	Color
RYB	60, 79, 125
Decimal	3954301
CIELab	36.17, 2.12, -25.03
CIElCh	36, 25.121, 274.836
Yxy	9.0969, 0.2299, 0.2352
Android (android.graphics.Color)	4282144381 (0xFF3C567D)
YUV	82.6720, 20.8677, -19.8833
Hunter-Lab	30.1611, -0.1515, -19.5576

Details

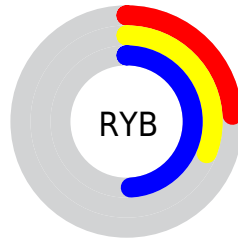
The YUV color **82.6720, 20.8677, -19.8833** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **102.3280, -20.8677, 19.8833**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3130, 22.0307, -19.5685**, and **33.3290, 21.0368, -27.4755** is the 20% darker color. If you saturate the color by 10%, you get **74.9750, 24.6623, -23.6571**, and if you desaturate by 10%, it is **91.2550, 16.6363, -16.0096**.

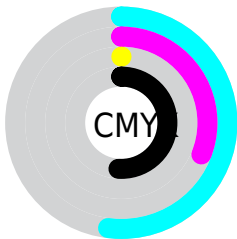
Distribution



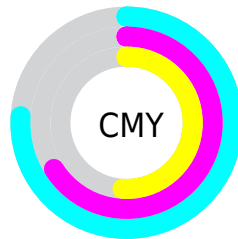
- Red (24%)
- Green (34%)
- Blue (49%)



- Red (24%)
- Yellow (31%)
- Blue (49%)



- Cyan (52%)
- Magenta (31%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.6720, 20.8677, -19.8833 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 82.6720, 20.8677, -19.8833 by changing the saturation by 10% instead.

■ 82.6720, 20.8677,
-19.8833

■ 82.6720, 20.8677,
-19.8833

■ 255.0000, 0.0000,
0.0000

■ 58.5470, 20.4363,
-21.5277

■ 133.3130, 22.0307,
-19.5685

■ 33.3290, 21.0368,
-27.4755

■ 159.7260, 22.3201,
-19.0537

■ 18.3690, 17.0731,
-16.1096

■ 186.9540, 23.1937,
-19.2537

■ 4.7080, 12.9620,
-4.1289

■ 213.5690, 20.4255,
-18.0390

■ 0.3420, 1.3104,
-0.2999

■ 238.9640, 7.9057,
-15.7544

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 82.6720, 20.8677,
-19.8833

■ 82.6720, 20.8677,
-19.8833

■ 74.9750, 24.6623,
-23.6571

■ 91.2550, 16.6363,
-16.0096

■ 66.3920, 28.8937,
-27.5308

■ 98.9520, 12.8417,
-12.2359

■ 58.6950, 32.6884,
-31.3045

■ 107.5350, 8.6102,
-8.3622

■ 50.1120, 36.9198,
-35.1782

■ 115.2320, 4.8156,
-4.5885

■ 43.6000, 40.1302,
-38.2372

■ 123.5160, 0.7316,
-1.3295

■ 131.5120, -3.2104,
3.0590

■ 139.7960, -7.2944,
6.3179

■ 147.7920,
-11.2365, 10.7064

■ 155.4890,
-15.0311, 14.4801

Harmonies

Analogous

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



72.5820, 23.8701, -49.6224



82.6720, 20.8677, -19.8833



87.0340, 15.2662, 3.4782

Triad

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



82.6720, 20.8677, -19.8833



85.9240, -11.3015, 31.6387



77.1680, -5.0128, -25.5803

Complementary

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



82.6720, 20.8677, -19.8833



102.3280, -20.8677, 19.8833

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.



81.0580, -14.8186, -7.0669



82.6720, 20.8677, -19.8833



84.8600, -17.6790, 23.8018

Square

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



82.6720, 20.8677, -19.8833



86.7420, -1.8448, 31.7983



83.3160, -19.3828, 10.2469



70.2710, 8.7404, -50.2267

Rectangle

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



82.6720, 20.8677, -19.8833



87.8570, 10.4235, 16.7884



83.3160, -19.3828, 10.2469



78.5880, -8.6709, -18.9327

Sweetspot

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



82.6720, 20.8677, -19.8833



146.4210, 8.1734, -8.2622



102.6010, -1.7753, -37.3611



71.3460, 5.2524, -4.6884



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.



82.6720, 20.8677, -19.8833



96.9940, 32.5410, -30.6897



68.9050, 27.6548, -3.4247



59.5590, 2.1894, -2.2442



44.5290, 41.1512, -39.0519



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.3990, 1.7753, 37.3611



96.7590, 2.5838, 58.0934



115.7960, -27.5074, 2.8099



59.4350, 0.2785, 4.0035



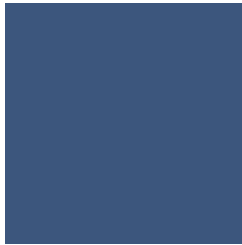
44.0860, 3.4086, 73.5926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.6720, 20.8677, -19.8833 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 82.6720, 20.8677, -19.8833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

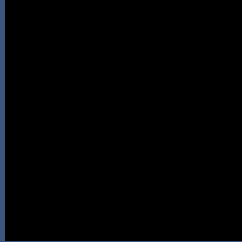
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.6720, 20.8677, -19.8833

Background



This preview shows how black text looks on a background with the YUV color 82.6720, 20.8677, -19.8833.



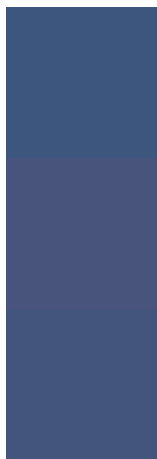
This preview shows how white text looks on a background with the YUV color 82.6720, 20.8677,

-19.8833.

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

82.6720, 20.8677, -19.8833

Protanopia

84.8580, 18.8040, -11.2765

Deuteranopia

83.5910, 20.4146, -14.5503



Tritanopia

79.9520, 9.3907, -25.3909

Trichromacy



Original Color

82.6720, 20.8677, -19.8833

Protanomaly

84.3630, 19.5410, -14.3504

Deuteranomaly

83.2810, 20.5675, -16.9094

Tritanomaly

80.7010, 13.4584, -23.4168

Monochromacy



Original Color

82.6720, 20.8677, -19.8833

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.6720, 20.8677, -19.8833 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(60, 86, 125)` looks like.

```
.text, #text, p{  
    color:rgb(60, 86, 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(60, 86, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 86, 125) }
```

Border

The CSS property to change the border of an element to YUV 82.6720, 20.8677, -19.8833 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(60, 86, 125) }
```


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

```
.border{ border-color:rgb(60, 86, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 86, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 86, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 86, 125);  
box-shadow:4px 4px 4px 4px rgb(60, 86,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 82.6720, 20.8677, -19.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 86, 125) }
```

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

```
.background{ background-color: rgb(60, 86,  
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](#).

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