

Converting Colors

YUV(81.7880, -5.3185, -20.8621)

Have a look what the booklet for
YUV(81.7880, -5.3185, -20.8621)
contains.

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Color

**YUV(81.7880, -5.3185,
-20.8621)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6047
RGB	58, 96, 71
RGB Percent	23%, 38%, 28%
CMY	0.7725, 0.6235, 0.7216
CMYK	0.40, 0.00, 0.26, 0.62
HSL	141°, 25%, 30%
HSV	141°, 40%, 38%
XYZ	7.0651, 9.7202, 7.4651
YIQ	81.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

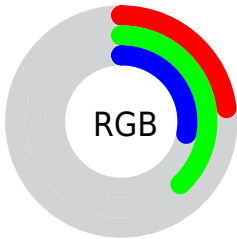
Format	Color
RYB	58, 86, 96
Decimal	3825735
CIELab	37.34, -19.66, 10.10
CIELCh	37, 22.106, 152.810
Yxy	9.7202, 0.2913, 0.4008
Android (android.graphics.Color)	4282015815 (0xFF3A6047)
YUV	81.7880, -5.3185, -20.8621
Hunter-Lab	31.1773, -14.1101, 7.6277

Details

The YUV color **81.7880, -5.3185, -20.8621** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.2120, 5.3185, 20.8621**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8480, -6.3341, -21.7917**, and **35.1300, -4.0081, -21.1620** is the 20% darker color. If you saturate the color by 10%, you get **78.1140, -6.4652, -26.4100**, and if you desaturate by 10%, it is **85.4620, -4.1718, -15.3142**.

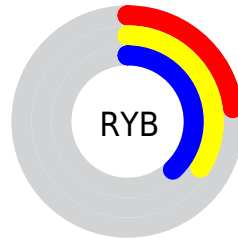
Distribution



 Red (23%)

 Green (38%)

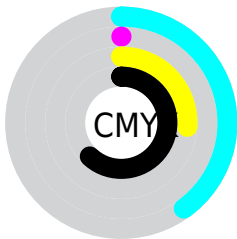
 Blue (28%)



 Red (23%)

 Yellow (34%)

 Blue (38%)

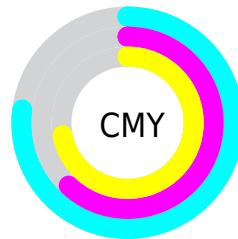


 Cyan (40%)


 Magenta (0%)

 Yellow (26%)

 Black (62%)



 Cyan (77%)

 Magenta (62%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7880, -5.3185, -20.8621 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 81.7880, -5.3185, -20.8621 by changing the saturation by 10% instead.

81.7880, -5.3185,
-20.8621

81.7880, -5.3185,
-20.8621

255.0000, 0.0000,
0.0000

58.3150, -4.5923,
-20.4473

131.8480, -6.3341,
-21.7917

35.1300, -4.0081,
-21.1620

158.4350, -6.6235,
-22.3065

17.1370, -7.9555,
-15.0291

185.1360, -6.4760,
-22.9213

0.0000, 0.0000,
0.0000

212.7230, -6.7654,
-23.4361

239.5490, -6.1867,
-22.4065

251.4120, 1.7689,

-7.3773

■ 81.7880, -5.3185,
-20.8621

■ 81.7880, -5.3185,
-20.8621

■ 78.1140, -6.4652,
-26.4100

■ 85.4620, -4.1718,
-15.3142

■ 74.6250, -8.1961,
-31.2431

■ 88.9510, -2.4408,
-10.4810

■ 70.9510, -9.3428,
-36.7910

■ 92.6250, -1.2941,
-4.9331

■ 67.5760, -10.6370,
-41.7242

■ 96.0000, 0.0000,
0.0000

■ 63.7880, -12.2205,
-47.1721

■ 99.7880, 1.5835,
5.4479

■ 60.1140, -13.3672,
-52.7200

■ 103.4620, 2.7302,
10.9958

■ 106.8370, 4.0244,
15.9290

■ 110.6250, 5.6079,
21.3769

■ 114.0000, 6.9020,
26.3100

Harmonies

Analogous

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



84.7100, -13.6610, -5.0077



81.7880, -5.3185, -20.8621



77.5500, 5.6449, -37.3163

Triad

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



81.7880, -5.3185, -20.8621



85.7000, 18.3889, -18.1539



88.9560, -9.8383, 28.9796

Complementary

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



81.7880, -5.3185, -20.8621



72.2120, 5.3185, 20.8621

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.



89.8340, -1.3972, 28.2096



81.7880, -5.3185, -20.8621



89.6810, 13.9613, 2.0338

Square

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



81.7880, -5.3185, -20.8621



79.5080, 19.4696, -38.1565



90.5430, 6.6343, 18.8178



87.8320, -15.2002, 22.0723

Rectangle

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



81.7880, -5.3185, -20.8621



75.0310, 12.8027, -46.5082



90.5430, 6.6343, 18.8178



89.3520, -7.0755, 29.5093

Sweetspot

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



81.7880, -5.3185, -20.8621



119.3750, -2.1569, -8.2219



87.7810, -14.6820, -4.1929



60.6250, -1.2941, -4.9331



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



81.7880, -5.3185, -20.8621



102.5000, -8.6275, -32.8875



83.9540, 2.9807, -22.7617



46.4620, -0.7208, -2.1592



70.0760, -15.8135, -61.4567



150.2280, -33.6364, -131.7500

Inverse Universe

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



72.2120, 5.3185, 20.8621



87.3860, 8.1907, 32.9875



70.0460, -2.9807, 22.7617



45.5380, 0.7208, 2.1592



41.9240, 15.8135, 61.4567



89.7720, 33.6364, 131.7500

Previews

White Background



This preview shows how the YUV color 81.7880, -5.3185, -20.8621 looks on a white background.

Color Contrast Check

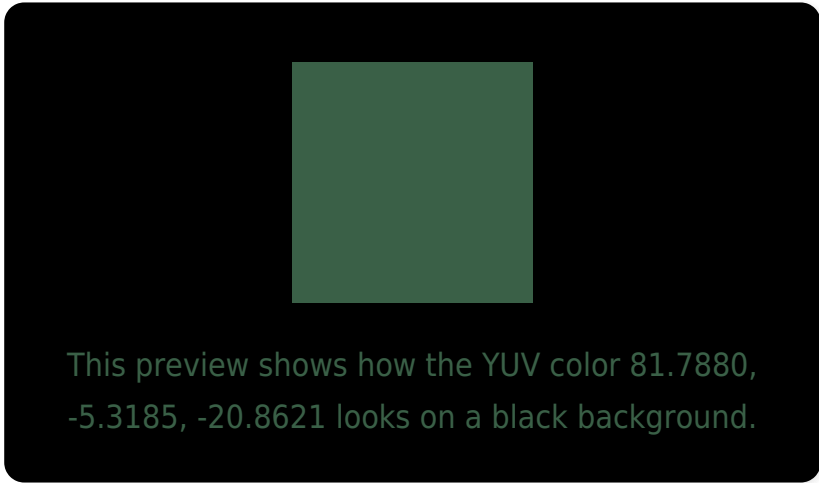
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

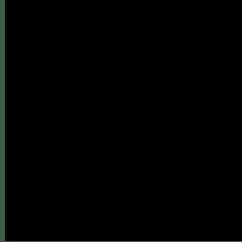
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7880, -5.3185, -20.8621

Background



This preview shows how black text looks on a background with the YUV color 81.7880, -5.3185, -20.8621.



This preview shows how white text looks on a background with the YUV color 81.7880, -5.3185,

-20.8621.

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

81.7880, -5.3185, -20.8621

Protanopia

86.8130, -9.7678, 6.3030

Deuteranopia

87.9430, -6.8739, 11.4510



Tritanopia

84.5400, 7.6218, -18.0136

Trichromacy



Original Color

81.7880, -5.3185, -20.8621

Protanomaly

84.8010, -8.2829, -3.3335

Deuteranomaly

85.3930, -6.1097, -0.3447

Tritanomaly

83.2750, 2.8224, -18.6582

Monochromacy



Original Color

81.7880, -5.3185, -20.8621

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7880, -1.8675, -7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7880, -5.3185, -20.8621 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(58, 96, 71)` looks like.

```
.text, #text, p{  
    color:rgb(58, 96, 71)  
}
```

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(58, 96, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 96, 71) }
```

Border

The CSS property to change the border of an element to YUV 81.7880, -5.3185, -20.8621 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(58, 96, 71) }
```


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

```
.border{ border-color:rgb(58, 96, 71) }
```

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

Here you see how a box with a 4 pixel rgb(58, 96, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 96, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 96, 71);  
box-shadow:4px 4px 4px 4px rgb(58, 96, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.7880, -5.3185, -20.8621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 96, 71) }
```

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

```
.background{ background-color: rgb(58, 96,  
71) }
```

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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