

Converting Colors

YUV(81.4800, 21.9484,
-39.8860)

Have a look what the booklet for
YUV(81.4800, 21.9484, -39.8860)
contains.

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Color

**YUV(81.4800, 21.9484,
-39.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	24607E
RGB	36, 96, 126
RGB Percent	14%, 38%, 49%
CMY	0.8588, 0.6235, 0.5059
CMYK	0.71, 0.24, 0.00, 0.51
HSL	200°, 56%, 32%
HSV	200°, 71%, 49%
XYZ	8.6763, 10.2472, 21.2593
YIQ	81.4800, -45.3900, -3.3900

Conversions

Conversions Part 2

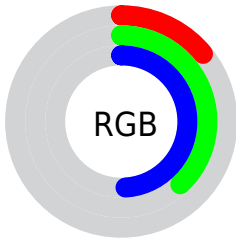
Format	Color
R_{YB}	36, 72, 126
Decimal	2383998
CIE _{Lab}	38.28, -8.84, -22.44
CIE _{LCh}	38, 24.117, 248.485
Yxy	10.2472, 0.2159, 0.2550
Android (android.graphics.Color)	4280574078 (0xFF24607E)
YUV	81.4800, 21.9484, -39.8860
Hunter-Lab	32.0112, -7.6389, -16.9678




Details

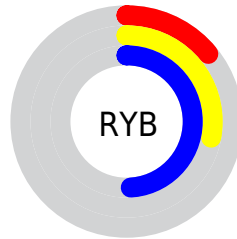
The YUV color **81.4800, 21.9484, -39.8860** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **80.5200, -21.9484, 39.8860**, and the grayscale version is **81.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **133.9150, 22.2269, -35.8825**, and **38.1280, 19.1639, -33.4383** is the 20% darker color. If you saturate the color by 10%, you get **75.2450, 25.0222, -45.8189**, and if you desaturate by 10%, it is **87.7150, 18.8745, -33.9531**.

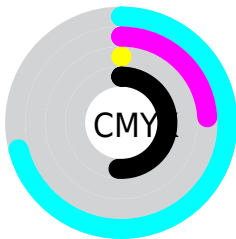
Distribution







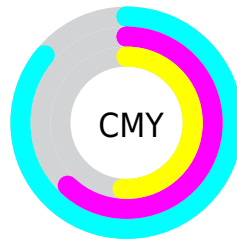
-  Red (14%)
-  Green (38%)
-  Blue (49%)






-  Red (14%)
-  Yellow (28%)
-  Blue (49%)



-  Cyan (71%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (86%)
-  Magenta (62%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4800, 21.9484, -39.8860 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 81.4800, 21.9484, -39.8860 by changing the saturation by 10% instead.

81.4800, 21.9484,
-39.8860

81.4800, 21.9484,
-39.8860

255.0000, 0.0000,
0.0000

53.7780, 23.2804,
-47.1633

133.9150, 22.2269,
-35.8825

38.1280, 19.1639,
-33.4383

160.9150, 22.2269,
-35.8825

23.1790, 15.1948,
-20.3280

188.1430, 23.1005,
-36.0824

4.9360, 13.8356,
-4.3289

215.2310, 19.6061,
-35.2826

0.5700, 2.1840,
-0.4999

239.7510, 7.5178,
-31.3536

0.0000, 0.0000,
0.0000

248.4220, 3.2430,

-13.5251

■ 81.4800, 21.9484,
-39.8860

■ 81.4800, 21.9484,
-39.8860

■ 75.2450, 25.0222,
-45.8189

■ 87.7150, 18.8745,
-33.9531

■ 69.3090, 27.9487,
-51.1370

■ 93.6510, 15.9481,
-28.6349

■ 63.6720, 30.7277,
-55.8403

■ 100.4730, 12.5848,
-23.2168

■ 106.4090, 9.6584,
-17.8987

■ 112.6440, 6.5845,
-11.9658

■ 118.8790, 3.5107,
-6.0329

■ 124.8150, 0.5842,
-0.7148

■ 131.6370, -2.7790,
4.7034

■ 137.5730, -5.7055,
10.0215

Harmonies

Analogous

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



72.5930, 20.4137, -61.0331



81.4800, 21.9484, -39.8860



88.7650, 19.8359, -15.5799

Triad

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



81.4800, 21.9484, -39.8860



91.9870, -3.4446, 31.5834



85.8020, -13.2134, -8.5964

Complementary

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



81.4800, 21.9484, -39.8860



80.5200, -21.9484, 39.8860

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.



88.5330, -18.5038, 8.3026



81.4800, 21.9484, -39.8860



91.0980, -11.8803, 30.6091

Square

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



81.4800, 21.9484, -39.8860



92.7500, 6.0393, 23.0212



89.8490, -17.6736, 22.0574



82.2110, -3.5550, -26.4950

Rectangle

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



81.4800, 21.9484, -39.8860



91.2400, 16.1507, -0.2105



89.8490, -17.6736, 22.0574



87.1510, -15.8504, -2.7634

Sweetspot

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



81.4800, 21.9484, -39.8860



146.3770, 8.1951, -15.2396



92.2500, -12.9412, -49.3312



71.6120, 5.1213, -9.3067



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.



81.4800, 21.9484, -39.8860



93.5510, 34.2384, -61.8732



55.0650, 34.9710, -16.7200



60.7330, 1.6106, -3.2738



64.4870, 31.3119, -56.5551



0.0000, 0.0000, 0.0000

Inverse Universe

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



69.7500, 12.9413, 49.3312



75.4620, 19.9852, 76.7708



106.9350, -34.9710, 16.7200



59.6630, 1.1521, 3.8035



47.9620, 18.2597, 70.1933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 81.4800, 21.9484, -39.8860 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 × Fail

Black Background



This preview shows how the YUV color 81.4800, 21.9484, -39.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

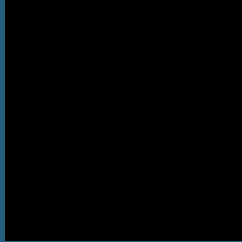
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4800, 21.9484, -39.8860

Background



This preview shows how black text looks on a background with the YUV color 81.4800, 21.9484, -39.8860.



This preview shows how white text looks on a background with the YUV color 81.4800, 21.9484,

-39.8860.

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

81.4800, 21.9484, -39.8860

Protanopia

90.1420, 14.7200, -8.0175

Deuteranopia

89.5590, 18.9514, -11.8912



Tritanopia

76.5900, 14.9921, -48.7524

Trichromacy



Original Color

81.4800, 21.9484, -39.8860

Protanomaly

87.3470, 17.0839, -19.5983

Deuteranomaly

86.7210, 19.8575, -22.5573

Tritanomaly

78.2960, 17.6021, -45.8636

Monochromacy



Original Color

81.4800, 21.9484, -39.8860

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9750, 7.9003, -14.0101

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4800, 21.9484, -39.8860 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(36, 96, 126)` looks like.

```
.text, #text, p{  
    color:rgb(36, 96, 126)  
}
```

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(36, 96, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 96, 126) }
```

Border

The CSS property to change the border of an element to YUV 81.4800, 21.9484, -39.8860 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(36, 96, 126) }
```


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

```
.border{ border-color:rgb(36, 96, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 96, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 96, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 96, 126);  
box-shadow:4px 4px 4px 4px rgb(36, 96,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 81.4800, 21.9484, -39.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 96, 126) }
```

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

```
.background{ background-color: rgb(36, 96,  
126) }
```

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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