

Converting Colors

YUV(82.2600, 19.0988,
-12.5060)

Have a look what the booklet for
YUV(82.2600, 19.0988, -12.5060)
contains.

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Color

**YUV(82.2600, 19.0988,
-12.5060)**

Conversions

Conversions Part 1	
Format	Color
Hex	445279
RGB	68, 82, 121
RGB Percent	27%, 32%, 47%
CMY	0.7333, 0.6784, 0.5255
CMYK	0.44, 0.32, 0.00, 0.53
HSL	224°, 28%, 37%
HSV	224°, 44%, 47%
XYZ	8.8524, 8.6440, 19.2910
YIQ	82.2600, -20.8630, 9.1610

Conversions

Conversions Part 2

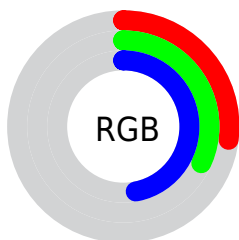
Format	Color
RYB	68, 79, 121
Decimal	4477561
CIELab	35.29, 5.57, -23.90
CIELCh	35, 24.539, 283.114
Yxy	8.6440, 0.2406, 0.2350
Android (android.graphics.Color)	4282667641 (0xFF445279)
YUV	82.2600, 19.0988, -12.5060
Hunter-Lab	29.4007, 2.2941, -18.3222

Details

The YUV color **82.2600, 19.0988, -12.5060** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.7400, -19.0988, 12.5060**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.3140, 20.5512, -11.6764**, and **35.8960, 17.7993, -15.6948** is the 20% darker color. If you saturate the color by 10%, you get **73.3890, 23.4722, -15.2502**, and if you desaturate by 10%, it is **91.1310, 14.7254, -9.7619**.

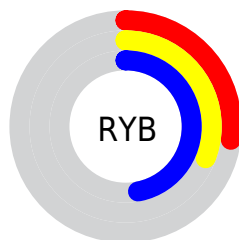
Distribution



Red (27%)

Green (32%)

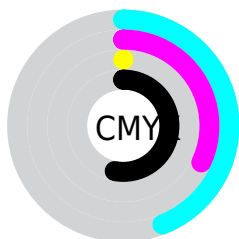
Blue (47%)



Red (27%)

Yellow (31%)

Blue (47%)

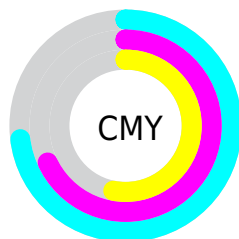


Cyan (44%)

Magenta (32%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (68%)

Yellow (53%)

Brightness & Saturation

Gradients

These gradients show how the YUV color 82.2600, 19.0988, -12.5060 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 82.2600, 19.0988, -12.5060 by changing the saturation by 10% instead.

■ 82.2600, 19.0988,
-12.5060

■ 82.2600, 19.0988,
-12.5060

255.0000, 0.0000,
0.0000

■ 58.7330, 18.3726,
-12.9208

■ 132.3140, 20.5512,
-11.6764

■ 35.8960, 17.7993,
-15.6948

■ 158.4280, 20.9880,
-11.7764

■ 15.5650, 16.4835,
-13.6505

■ 185.5420, 21.4248,
-11.8763

■ 4.3660, 11.6516,
-3.8290

■ 213.3140, 20.5512,
-11.6764

■ 0.0000, 0.0000,
0.0000

■ 238.1220, 8.3209,
-8.8770

82.2600, 19.0988,
-12.5060

82.2600, 19.0988,
-12.5060

73.3890, 23.4722,
-15.2502

91.1310, 14.7254,
-9.7619

64.5180, 27.8456,
-17.9943

100.0020, 10.3520,
-7.0178

55.6470, 32.2190,
-20.7384

108.8730, 5.9786,
-4.2736

46.7760, 36.5924,
-23.4826

117.7440, 1.6052,
-1.5295

37.9050, 40.9658,
-26.2267

126.6150, -2.7682,
1.2146


32.5780, 43.5920,
-28.5709

135.1980, -6.9996,
5.0884

144.0690,
-11.3730, 7.8325

152.9400,

-15.7464, 10.5766

 161.8110,
-20.1198, 13.3208

Harmonies

Analogous

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



74.3060, 22.5271, -38.8564



82.2600, 19.0988, -12.5060



85.4970, 13.0660, 9.2111

Triad

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



82.2600, 19.0988, -12.5060



83.1580, -12.8959, 29.6794



74.6450, -1.7970, -30.3837

Complementary

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



82.2600, 19.0988, -12.5060



106.7400, -19.0988, 12.5060

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.



78.4210, -12.0396, -11.7702



82.2600, 19.0988, -12.5060



82.4250, -17.9575, 19.7983

Square

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



82.2600, 19.0988, -12.5060



84.6450, -4.7550, 31.8833



80.9240, -18.2035, 5.3287



64.9650, 12.8353, -56.9743

Rectangle

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



82.2600, 19.0988, -12.5060



85.1950, 7.7919, 20.8770



80.9240, -18.2035, 5.3287



76.0650, -5.4550, -23.7360

Sweetspot

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



82.2600, 19.0988, -12.5060



143.2150, 7.2890, -4.5736



103.5570, 1.6974, -31.1835



69.8300, 4.5208, -3.3589



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.2600, 19.0988, -12.5060



96.4900, 30.3244, -19.7237



77.6300, 21.3814, 2.0785



56.8580, 2.0420, -1.6295



33.6210, 45.0498, -29.4856



68.0570, 90.6839, -59.6860

Inverse Universe

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



85.4430, -1.6974, 31.1835



101.6240, -2.7726, 49.4418



111.3700, -21.3814, -2.0785



57.0220, -0.0108, 3.4887



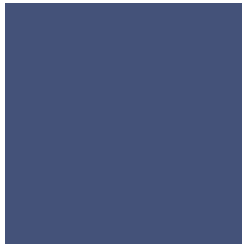
41.1370, -4.0115, 73.5479



82.9860, -7.8811, 148.2253

Previews

White Background



This preview shows how the YUV color 82.2600, 19.0988, -12.5060 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 82.2600, 19.0988, -12.5060 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

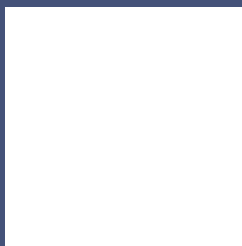
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.2600, 19.0988, -12.5060

Background



This preview shows how black text looks on a background with the YUV color 82.2600, 19.0988, -12.5060.



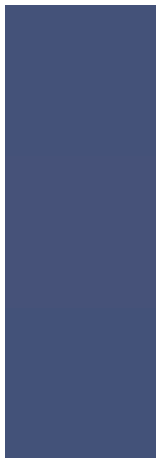
This preview shows how white text looks on a background with the YUV color 82.2600, 19.0988, -12.5060.

-12.5060.

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

82.2600, 19.0988, -12.5060

Protanopia

82.8580, 18.8040, -11.2765

Deuteranopia

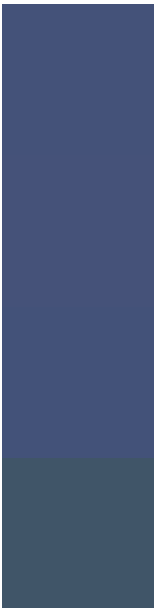
81.9610, 19.2462, -13.1208



Tritanopia

80.0240, 6.8902, -16.6840

Trichromacy



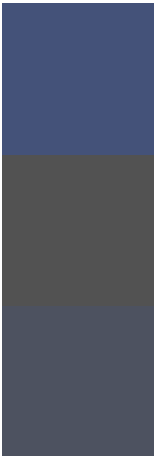
Original Color
82.2600, 19.0988, -12.5060

Protanomaly
82.5590, 18.9514, -11.8912

Deuteranomaly
81.9610, 19.2462, -13.1208

Tritanomaly
80.8870, 11.3947, -14.8099

Monochromacy



Original Color
82.2600, 19.0988, -12.5060

Achromatopsia
82.0000, 0.0000, 0.0000

Achromatomaly
82.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2600, 19.0988, -12.5060 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(68, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(68, 82, 121)  
}
```

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(68, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 82, 121) }
```

Border

The CSS property to change the border of an element to YUV 82.2600, 19.0988, -12.5060 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(68, 82, 121) }
```


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

```
.border{ border-color:rgb(68, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(68, 82,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 82.2600, 19.0988, -12.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 82, 121) }
```

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

```
.background{ background-color: rgb(68, 82,  
121) }
```

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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