

Converting Colors

YUV(61.8200, 16.3577,
-20.0131)

Have a look what the booklet for
YUV(61.8200, 16.3577, -20.0131)
contains.

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Color

**YUV(61.8200, 16.3577,
-20.0131)**

Conversions

Conversions Part 1	
Format	Color
Hex	27435F
RGB	39, 67, 95
RGB Percent	15%, 26%, 37%
CMY	0.8471, 0.7373, 0.6275
CMYK	0.59, 0.29, 0.00, 0.63
HSL	210°, 42%, 26%
HSV	210°, 59%, 37%
XYZ	4.9094, 5.2719, 11.5853
YIQ	61.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

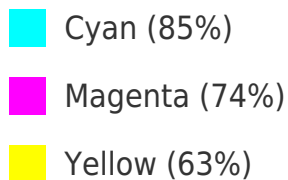
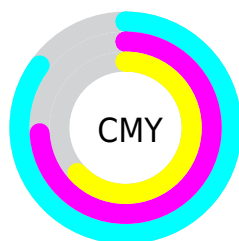
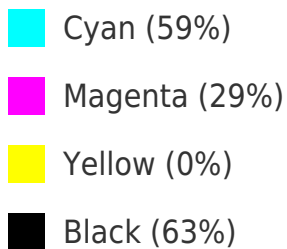
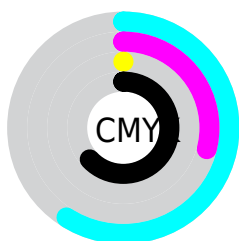
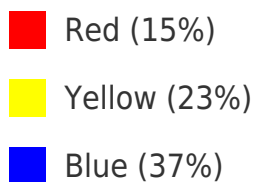
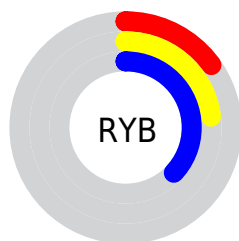
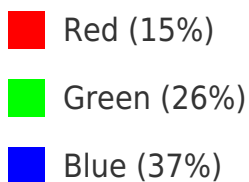
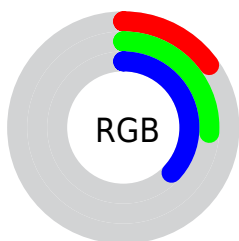
Format	Color
RYB	39, 58, 95
Decimal	2573151
CIELab	27.50, -1.27, -19.78
CIELCh	27, 19.820, 266.319
Yxy	5.2719, 0.2255, 0.2422
Android (android.graphics.Color)	4280763231 (0xFF27435F)
YUV	61.8200, 16.3577, -20.0131
Hunter-Lab	22.9605, -2.0142, -13.8438

Details

The YUV color **61.8200, 16.3577, -20.0131** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **72.1800, -16.3577, 20.0131**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7600, 17.3733, -19.0835**, and **20.2610, 14.1683, -17.7689** is the 20% darker color. If you saturate the color by 10%, you get **55.8950, 19.2788, -23.5869**, and if you desaturate by 10%, it is **67.7450, 13.4367, -16.4394**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 61.8200, 16.3577, -20.0131 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 61.8200, 16.3577, -20.0131 by changing the saturation by 10% instead.


 61.8200, 16.3577,
-20.0131

 61.8200, 16.3577,
-20.0131


255.0000, 0.0000,
0.0000


 38.0970, 16.2212,
-22.8871


 110.7600, 17.3733,
-19.0835


 20.2610, 14.1683,
-17.7689


 135.8740, 17.8101,
-19.1835

 3.7790, 11.9410,
-3.3142

 162.9880, 18.2469,
-19.2835

 0.0000, 0.0000,
0.0000

 190.1020, 18.6837,
-19.3835

 217.6890, 18.3943,
-19.8983

 242.7960, 6.0166,

-16.4841

254.4020, 0.2948,
-1.2296

■ 61.8200, 16.3577,
-20.0131

■ 61.8200, 16.3577,
-20.0131

■ 55.8950, 19.2788,
-23.5869

■ 67.7450, 13.4367,
-16.4394

■ 50.8560, 21.7630,
-27.0607

■ 73.3710, 10.6631,
-13.4804

■ 45.2300, 24.5366,
-30.0197

■ 78.7090, 8.0315,
-9.3918

■ 39.3050, 27.4576,
-33.5935

■ 84.3350, 5.2578,
-6.4328

■ 39.0060, 27.6050,
-34.2083

■ 90.2600, 2.3368,
-2.8590

■ 95.8860, -0.4368,
0.1000

■ 101.2240, -3.0684,
4.1886

■ 106.8500, -5.8420,
7.1476

■ 112.7750, -8.7631,
10.7213

Harmonies

Analogous

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



54.3290, 17.5858, -40.6305



61.8200, 16.3577, -20.0131



66.0180, 12.8091, -1.7698

Triad

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



61.8200, 16.3577, -20.0131



65.7320, -6.7699, 24.7910



60.0060, -5.9190, -14.9143

Complementary

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



61.8200, 16.3577, -20.0131



72.1800, -16.3577, 20.0131

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.



62.3730, -12.5089, -1.2041



61.8200, 16.3577, -20.0131



64.9180, -12.2846, 20.2429

Square

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



61.8200, 16.3577, -20.0131



66.5560, 0.2189, 23.1914



63.8800, -14.7308, 11.5062



56.4970, 2.7130, -30.2539

Rectangle

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



61.8200, 16.3577, -20.0131



66.8730, 9.4296, 8.8814



63.8800, -14.7308, 11.5062



60.6430, -8.6980, -10.2109

Sweetspot

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



61.8200, 16.3577, -20.0131



108.9650, 6.4263, -7.8623



75.0640, -3.9756, -31.6281



53.0040, 3.9420, -4.3885



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.8200, 16.3577, -20.0131



70.7460, 25.2682, -31.3492



45.3840, 24.4607, -5.5988



45.6300, 1.1684, -1.4295



45.6400, 32.7155, -40.0263



97.8000, 70.1046, -85.7706

Inverse Universe

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



58.9360, 3.9756, 31.6281



66.0290, 6.3947, 49.0866



88.6160, -24.4607, 5.5988



45.4240, 0.2840, 2.2592



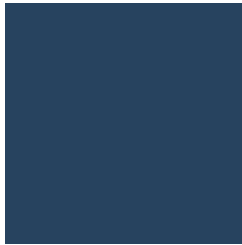
39.8720, 7.9511, 63.2563



85.4400, 17.0381, 135.5491

Previews

White Background



This preview shows how the YUV color 61.8200, 16.3577, -20.0131 looks on a white background.

Color Contrast Check

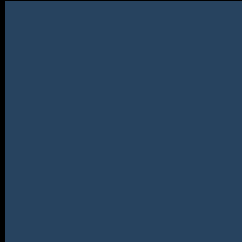
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.8200, 16.3577, -20.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

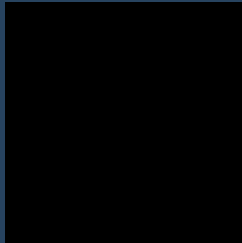
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

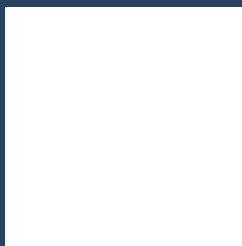
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.8200, 16.3577, -20.0131

Background



This preview shows how black text looks on a background with the YUV color 61.8200, 16.3577, -20.0131.



This preview shows how white text looks on a background with the YUV color 61.8200, 16.3577, -20.0131.

-20.0131.

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

61.8200, 16.3577, -20.0131

Protanopia

64.8000, 13.4096, -7.7176

Deuteranopia

64.0600, 15.7464, -10.5766



Tritanopia

59.6100, 8.0803, -25.0910

Trichromacy



Original Color

61.8200, 16.3577, -20.0131

Protanomaly

63.7070, 14.4414, -12.0210

Deuteranomaly

63.1520, 16.1941, -14.1653

Tritanomaly

60.7180, 10.9850, -23.4317

Monochromacy



Original Color

61.8200, 16.3577, -20.0131

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1500, 5.8421, -7.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8200, 16.3577, -20.0131 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(39, 67, 95)` looks like.

```
.text, #text, p{  
    color:rgb(39, 67, 95)  
}
```

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(39, 67, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 67, 95) }
```

Border

The CSS property to change the border of an element to YUV 61.8200, 16.3577, -20.0131 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(39, 67, 95) }
```


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

```
.border{ border-color:rgb(39, 67, 95) }
```

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

Here you see how a box with a 4 pixel rgb(39, 67, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 67, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 67, 95);  
box-shadow:4px 4px 4px 4px rgb(39, 67, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8200, 16.3577, -20.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 67, 95) }
```

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

```
.background{ background-color: rgb(39, 67,  
95) }
```

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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