

Converting Colors

YUV(67.6180, 19.4153,
-20.7130)

Have a look what the booklet for
YUV(67.6180, 19.4153, -20.7130)
contains.

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Color

**YUV(67.6180, 19.4153,
-20.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	2C486B
RGB	44, 72, 107
RGB Percent	17%, 28%, 42%
CMY	0.8275, 0.7176, 0.5804
CMYK	0.59, 0.33, 0.00, 0.58
HSL	213°, 42%, 30%
HSV	213°, 59%, 42%
XYZ	6.0099, 6.2317, 14.7960
YIQ	67.6180, -27.9230, 4.9490

Conversions

Conversions Part 2

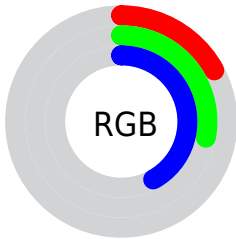
Format	Color
R_{YB}	44, 63, 107
Decimal	2902123
CIE Lab	29.99, 0.96, -23.53
CIE LCh	30, 23.550, 272.346
Yxy	6.2317, 0.2223, 0.2305
Android (android.graphics.Color)	4281092203 (0xFF2C486B)
YUV	67.6180, 19.4153, -20.7130
Hunter-Lab	24.9635, -0.7124, -17.6672

Details

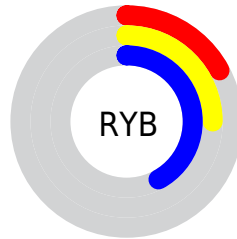
The YUV color **67.6180, 19.4153, -20.7130** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.3820, -19.4153, 20.7130**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9710, 20.7203, -19.2686**, and **23.7490, 17.3787, -20.8279** is the 20% darker color. If you saturate the color by 10%, you get **60.8070, 22.7731, -24.3867**, and if you desaturate by 10%, it is **74.4290, 16.0575, -17.0392**.

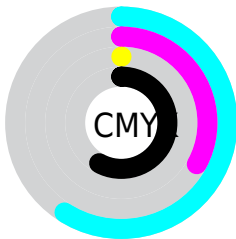
Distribution



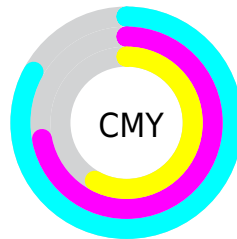
- Red (17%)
- Green (28%)
- Blue (42%)



- Red (17%)
- Yellow (25%)
- Blue (42%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (58%)



- Cyan (83%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6180, 19.4153, -20.7130 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 67.6180, 19.4153, -20.7130 by changing the saturation by 10% instead.

■ 67.6180, 19.4153,
-20.7130

■ 67.6180, 19.4153,
-20.7130

■ 255.0000, 0.0000,
0.0000

■ 43.5960, 19.4262,
-24.2017

■ 116.9710, 20.7203,
-19.2686

■ 23.7490, 17.3787,
-20.8279

■ 143.0850, 21.1571,
-19.3685

■ 5.5060, 16.0195,
-4.8288

■ 169.4980, 21.4465,
-18.8537

■ 2.2970, 6.2626,
-2.0145

■ 197.3130, 22.0307,
-19.5685

■ 0.0000, 0.0000,
0.0000

■ 223.6030, 15.4787,
-18.0688

■ 247.8240, 3.5378,

-14.7546

■ 67.6180, 19.4153,
-20.7130

■ 67.6180, 19.4153,
-20.7130

■ 60.8070, 22.7731,
-24.3867

■ 74.4290, 16.0575,
-17.0392

■ 54.2950, 25.9836,
-27.4457

■ 80.9410, 12.8471,
-13.9803

■ 47.4840, 29.3414,
-31.1195

■ 87.7520, 9.4893,
-10.3065

■ 40.6730, 32.6992,
-34.7932

■ 94.5630, 6.1314,
-6.6328

■ 40.3740, 32.8466,
-35.4080

■ 101.3740, 2.7736,
-2.9590

■ 107.8860, -0.4368,
0.1000

■ 114.6970, -3.7946,
3.7737

■ 121.5080, -7.1524,
7.4475

■ 128.0200,
-10.3629, 10.5065

Harmonies

Analogous

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



56.9410, 22.7071, -49.9373



67.6180, 19.4153, -20.7130



71.9090, 14.8349, 1.8338

Triad

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



67.6180, 19.4153, -20.7130



71.0700, -9.4015, 28.8796



64.0760, -5.4605, -21.9917

Complementary

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



67.6180, 19.4153, -20.7130



83.3820, -19.4153, 20.7130

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.



67.0090, -13.8084, -4.3929



67.6180, 19.4153, -20.7130



70.7180, -15.6370, 22.1723

Square

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



67.6180, 19.4153, -20.7130



72.2470, -1.1078, 28.7244



69.0710, -17.7830, 10.4617



55.7660, 8.0034, -47.1528

Rectangle

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



67.6180, 19.4153, -20.7130



73.0200, 9.8501, 14.0145



69.0710, -17.7830, 10.4617



65.3110, -8.5343, -16.0587

Sweetspot

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



67.6180, 19.4153, -20.7130



124.3070, 7.7366, -8.1622



84.9710, -2.9437, -35.9316



61.8190, 4.5262, -5.1033



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.6180, 19.4153, -20.7130



78.1140, 30.5098, -32.5490



52.0790, 27.0761, -4.4543



50.4450, 1.7526, -2.1443



43.8620, 36.0570, -38.4670



91.9130, 75.4719, -80.6077

Inverse Universe

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



66.0290, 2.9437, 35.9316



75.6170, 4.6258, 56.4639



98.9210, -27.0761, 4.4543



50.1360, 0.4260, 3.3887



40.9110, 5.4669, 66.7301



85.6810, 11.4963, 139.7228

Previews

White Background



This preview shows how the YUV color 67.6180, 19.4153, -20.7130 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 67.6180, 19.4153, -20.7130 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

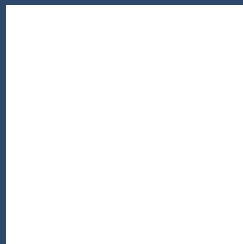
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.6180, 19.4153, -20.7130

Background



This preview shows how black text looks on a background with the YUV color 67.6180, 19.4153, -20.7130.

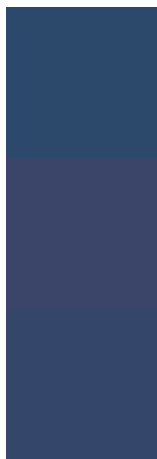


This preview shows how white text looks on a background with the YUV color 67.6180, 19.4153,

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

67.6180, 19.4153, -20.7130

Protanopia

69.8150, 17.3462, -10.3618

Deuteranopia

69.1350, 18.6674, -14.1504



Tritanopia

64.8270, 8.9593, -27.0353

Trichromacy



Original Color

67.6180, 19.4153, -20.7130

Protanomaly

69.0210, 18.2306, -14.0504

Deuteranomaly

68.8250, 18.8203, -16.5095

Tritanomaly

65.8750, 12.8796, -24.4464

Monochromacy



Original Color

67.6180, 19.4153, -20.7130

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.4920, 7.1524, -7.4475

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6180, 19.4153, -20.7130 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(44, 72, 107)` looks like.

```
.text, #text, p{  
    color:rgb(44, 72, 107)  
}
```

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(44, 72, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 72, 107) }
```

Border

The CSS property to change the border of an element to YUV 67.6180, 19.4153, -20.7130 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(44, 72, 107) }
```


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

```
.border{ border-color:rgb(44, 72, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 72, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 72, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 72, 107);  
box-shadow:4px 4px 4px 4px rgb(44, 72,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 67.6180, 19.4153, -20.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 72, 107) }
```

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

```
.background{ background-color: rgb(44, 72,  
107) }
```

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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