

Converting Colors

YUV(67.0480, 17.2313,
-20.2131)

Have a look what the booklet for
YUV(67.0480, 17.2313, -20.2131)
contains.

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Color

**YUV(67.0480, 17.2313,
-20.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4866
RGB	44, 72, 102
RGB Percent	17%, 28%, 40%
CMY	0.8275, 0.7176, 0.6000
CMYK	0.57, 0.29, 0.00, 0.60
HSL	211°, 40%, 29%
HSV	211°, 57%, 40%
XYZ	5.7543, 6.1295, 13.4502
YIQ	67.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

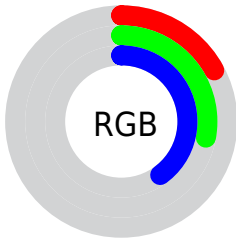
Format	Color
R _Y B	44, 63, 102
Decimal	2902118
CIE Lab	29.74, -0.81, -20.75
CIE LCh	30, 20.765, 267.763
Yxy	6.1295, 0.2271, 0.2419
Android (android.graphics.Color)	4281092198 (0xFF2C4866)
YUV	67.0480, 17.2313, -20.2131
Hunter-Lab	24.7579, -1.8384, -14.8800

Details

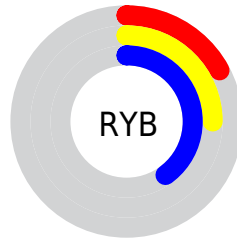
The YUV color **67.0480, 17.2313, -20.2131** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **78.9520, -17.2313, 20.2131**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9880, 18.2469, -19.2835**, and **23.2930, 15.6316, -20.4280** is the 20% darker color. If you saturate the color by 10%, you get **61.1230, 20.1524, -23.7869**, and if you desaturate by 10%, it is **72.9730, 14.3103, -16.6393**.

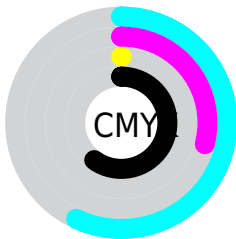
Distribution



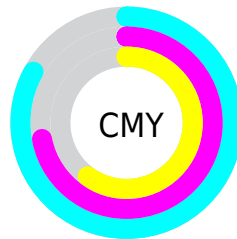
- Red (17%)
- Green (28%)
- Blue (40%)



- Red (17%)
- Yellow (25%)
- Blue (40%)



- Cyan (57%)
- Magenta (29%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0480, 17.2313, -20.2131 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 67.0480, 17.2313, -20.2131 by changing the saturation by 10% instead.

■ 67.0480, 17.2313,
-20.2131

■ 67.0480, 17.2313,
-20.2131

■ 255.0000, 0.0000,
0.0000

■ 43.3250, 17.0948,
-23.0870

■ 115.9880, 18.2469,
-19.2835

■ 23.2930, 15.6316,
-20.4280

■ 142.1020, 18.6837,
-19.3835

■ 5.0500, 14.2723,
-4.4289

■ 168.6290, 19.4099,
-18.9686

■ 0.7980, 3.0576,
-0.6998

■ 196.3300, 19.5573,
-19.5834

■ 0.0000, 0.0000,
0.0000

■ 223.3040, 15.6261,
-18.6836

■ 247.5250, 3.6852,

-15.3694

■ 67.0480, 17.2313,
-20.2131

■ 67.0480, 17.2313,
-20.2131

■ 61.1230, 20.1524,
-23.7869

■ 72.9730, 14.3103,
-16.6393

■ 54.6110, 23.3628,
-26.8458

■ 79.4850, 11.0999,
-13.5803

■ 48.3870, 26.4312,
-31.0344

■ 85.7090, 8.0315,
-9.3918

■ 42.4620, 29.3522,
-34.6082

■ 91.6340, 5.1104,
-5.8180

■ 40.3910, 30.3732,
-35.4229

■ 97.5590, 2.1894,
-2.2442

■ 104.0710, -1.0210,
0.8147

■ 109.9960, -3.9420,
4.3885

■ 116.2200, -7.0105,
8.5771

■ 122.1450, -9.9315,
12.1508

Harmonies

Analogous

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



59.2580, 18.6068, -41.4453



67.0480, 17.2313, -20.2131



70.9580, 13.8247, -0.8402

Triad

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



67.0480, 17.2313, -20.2131



71.2160, -7.5015, 26.1206



64.8810, -6.3503, -16.5586

Complementary

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



67.0480, 17.2313, -20.2131



78.9520, -17.2313, 20.2131

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.



67.5470, -13.0877, -2.2337



67.0480, 17.2313, -20.2131



69.9890, -13.3056, 21.0576

Square

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



67.0480, 17.2313, -20.2131



72.1540, -0.0759, 24.4209



69.3530, -15.4570, 11.0914



61.0020, 3.4500, -33.3278

Rectangle

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



67.0480, 17.2313, -20.2131



71.9980, 9.8610, 10.5258



69.3530, -15.4570, 11.0914



65.9310, -8.8400, -11.3405

Sweetspot

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



67.0480, 17.2313, -20.2131



119.0790, 6.8631, -7.9623



81.4660, -3.6807, -32.8577



58.0040, 3.9420, -4.3885



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



67.0480, 17.2313, -20.2131



78.2020, 27.0154, -31.7492



50.9110, 25.1869, -5.1839



47.7440, 1.6052, -1.5295



45.3950, 34.3153, -39.8114



96.2670, 71.8464, -84.4262

Inverse Universe

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



64.5340, 3.6807, 32.8577



74.2250, 5.8051, 51.5457



95.0890, -25.1869, 5.1839



47.7230, 0.1366, 2.8739



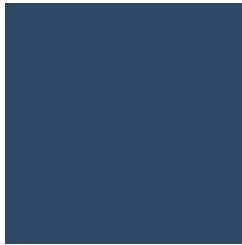
40.6550, 7.0721, 65.2006



85.6960, 15.4329, 137.0786

Previews

White Background



This preview shows how the YUV color 67.0480, 17.2313, -20.2131 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 67.0480, 17.2313, -20.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

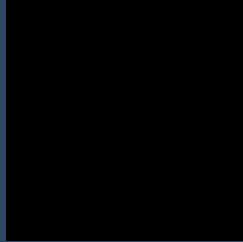
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

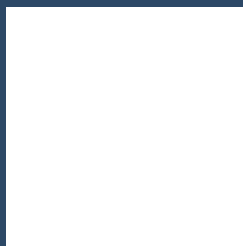
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.0480, 17.2313, -20.2131

Background



This preview shows how black text looks on a background with the YUV color 67.0480, 17.2313, -20.2131.

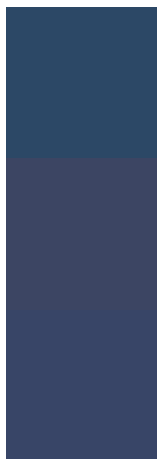


This preview shows how white text looks on a background with the YUV color 67.0480, 17.2313,

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

67.0480, 17.2313, -20.2131

Protanopia

69.7290, 14.4306, -8.5323

Deuteranopia

68.9890, 16.7674, -11.3914



Tritanopia

64.7240, 8.5171, -25.1909

Trichromacy



Original Color

67.0480, 17.2313, -20.2131

Protanomaly

68.6360, 15.4625, -12.8358

Deuteranomaly

68.3800, 17.0677, -14.3653

Tritanomaly

65.8320, 11.4218, -23.5317

Monochromacy



Original Color

67.0480, 17.2313, -20.2131

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2640, 6.2788, -7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0480, 17.2313, -20.2131 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(44, 72, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 72, 102) }
```

Border

The CSS property to change the border of an element to YUV 67.0480, 17.2313, -20.2131 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, 102) }
```


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

```
.border{ border-color:rgb(44, 72, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(44, 72,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 67.0480, 17.2313, -20.2131 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, 102) }
```

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

```
.background{ background-color: rgb(44, 72,  
102) }
```

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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