

Converting Colors

YUV(65.7600, 17.3733,
-19.0835)

Have a look what the booklet for
YUV(65.7600, 17.3733, -19.0835)
contains.

YUV(65.7600, 17.3733, -19.0835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.7600, 17.3733,
-19.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4665
RGB	44, 70, 101
RGB Percent	17%, 27%, 40%
CMY	0.8275, 0.7255, 0.6039
CMYK	0.56, 0.31, 0.00, 0.60
HSL	213°, 39%, 28%
HSV	213°, 56%, 40%
XYZ	5.5778, 5.8554, 13.1481
YIQ	65.7600, -25.4470, 4.1290

Conversions

Conversions Part 2

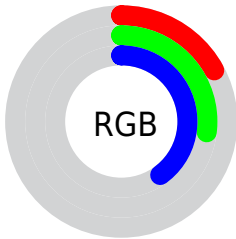
Format	Color
R_{YB}	44, 62, 101
Decimal	2901605
CIE Lab	29.04, 0.14, -21.19
CIE LCh	29, 21.192, 270.392
Yxy	5.8554, 0.2269, 0.2382
Android (android.graphics.Color)	4281091685 (0xFF2C4665)
YUV	65.7600, 17.3733, -19.0835
Hunter-Lab	24.1979, -1.2005, -15.2772

Details

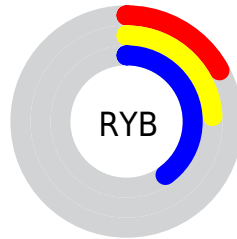
The YUV color **65.7600, 17.3733, -19.0835** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.2400, -17.3733, 19.0835**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7000, 18.3889, -18.1539**, and **22.0050, 15.7735, -19.2984** is the 20% darker color. If you saturate the color by 10%, you get **59.8350, 20.2943, -22.6573**, and if you desaturate by 10%, it is **71.6850, 14.4523, -15.5097**.

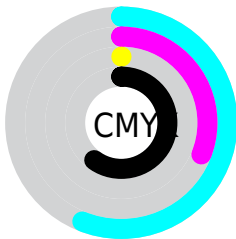
Distribution



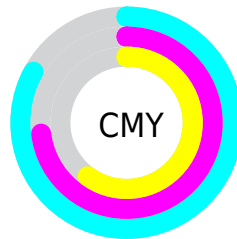
- Red (17%)
- Green (27%)
- Blue (40%)



- Red (17%)
- Yellow (24%)
- Blue (40%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7600, 17.3733, -19.0835 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 65.7600, 17.3733, -19.0835 by changing the saturation by 10% instead.

■ 65.7600, 17.3733,
-19.0835

■ 65.7600, 17.3733,
-19.0835

■ 255.0000, 0.0000,
0.0000

■ 42.3360, 17.0894,
-21.3427

■ 114.7000, 18.3889,
-18.1539

■ 22.0050, 15.7735,
-19.2984

■ 140.8140, 18.8257,
-18.2539

■ 4.9360, 13.8356,
-4.3289

■ 166.9280, 19.2625,
-18.3539

■ 0.6840, 2.6208,
-0.5999

■ 194.1560, 20.1361,
-18.5538

■ 0.0000, 0.0000,
0.0000

■ 221.2440, 16.6417,
-17.7540

■ 246.9380, 3.9746,

-14.8546

■ 65.7600, 17.3733,
-19.0835

■ 65.7600, 17.3733,
-19.0835

■ 59.8350, 20.2943,
-22.6573

■ 71.6850, 14.4523,
-15.5097

■ 53.3230, 23.5048,
-25.7163

■ 78.1970, 11.2419,
-12.4508

■ 47.3980, 26.4258,
-29.2900

■ 84.1220, 8.3209,
-8.8770

■ 40.8860, 29.6362,
-32.3490

■ 90.6340, 5.1104,
-5.8180

■ 38.5160, 30.8046,
-33.7785

■ 96.8580, 2.0420,
-1.6295

■ 103.3700, -1.1684,
1.4295

■ 109.2950, -4.0894,
5.0033

■ 115.8070, -7.2999,
8.0623

■ 121.7320,
-10.2209, 11.6360

Harmonies

Analogous

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



56.8880, 19.7752, -42.8748



65.7600, 17.3733, -19.0835



69.5560, 13.5299, 0.3894

Triad

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



65.7600, 17.3733, -19.0835



69.1020, -7.9383, 26.2205



63.0980, -5.4713, -18.5029

Complementary

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



65.7600, 17.3733, -19.0835



79.2400, -17.3733, 19.0835

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.



65.3620, -12.5035, -2.9485



65.7600, 17.3733, -19.0835



68.4620, -14.0318, 20.6428

Square

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



65.7600, 17.3733, -19.0835



70.3390, -0.6601, 25.1357



67.5270, -16.0358, 10.0618



58.0340, 4.9132, -35.9868

Rectangle

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



65.7600, 17.3733, -19.0835



70.4820, 9.1294, 11.8553



67.5270, -16.0358, 10.0618



64.0340, -8.3978, -13.1848

Sweetspot

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



65.7600, 17.3733, -19.0835



116.3780, 6.7156, -7.3475



80.8790, -3.3913, -32.3429



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.



65.7600, 17.3733, -19.0835



75.5120, 26.8626, -29.3900



51.0960, 24.6027, -4.4692



47.7440, 1.6052, -1.5295



43.6340, 35.1834, -38.2670



92.1580, 73.8721, -80.8226

Inverse Universe

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



64.0070, 2.9545, 32.4429



72.8720, 4.5001, 50.1013



93.9040, -24.6027, 4.4692



47.7230, 0.1366, 2.8739



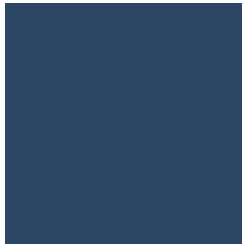
40.3130, 5.7617, 65.5005



84.8980, 12.3753, 137.7785

Previews

White Background



This preview shows how the YUV color 65.7600, 17.3733, -19.0835 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 65.7600, 17.3733, -19.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

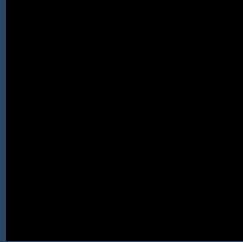
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

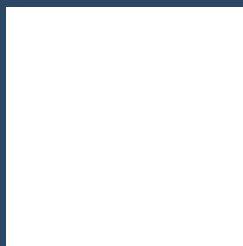
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 65.7600, 17.3733, -19.0835

Background



This preview shows how black text looks on a background with the YUV color 65.7600, 17.3733, -19.0835.



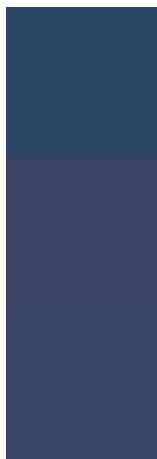
This preview shows how white text looks on a background with the YUV color 65.7600, 17.3733,

-19.0835.

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

65.7600, 17.3733, -19.0835

Protanopia

67.9570, 15.3042, -8.7323

Deuteranopia

67.5760, 16.4780, -11.9062



Tritanopia

63.3220, 8.2223, -23.9614

Trichromacy



Original Color

65.7600, 17.3733, -19.0835

Protanomaly

67.1630, 16.1886, -12.4210

Deuteranomaly

66.9670, 16.7783, -14.8801

Tritanomaly

64.5440, 11.5638, -22.4021

Monochromacy



Original Color

65.7600, 17.3733, -19.0835

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.6770, 6.5682, -6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7600, 17.3733, -19.0835 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, 70, 101)` looks like.

```
.text, #text, p{  
    color:rgb(44, 70, 101)  
}
```

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, 70, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 70, 101) }
```

Border

The CSS property to change the border of an element to YUV 65.7600, 17.3733, -19.0835 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, 70, 101) }
```


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

```
.border{ border-color:rgb(44, 70, 101) }
```

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

Here you see how a box with a 4 pixel rgb(44, 70, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 70, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 70, 101);  
box-shadow:4px 4px 4px 4px rgb(44, 70,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 65.7600, 17.3733, -19.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 70, 101) }
```

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

```
.background{ background-color: rgb(44, 70,  
101) }
```

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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