

Converting Colors

YUV(86.0050, 15.7735,
-19.2984)

Have a look what the booklet for
YUV(86.0050, 15.7735, -19.2984)
contains.

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Color

**YUV(86.0050, 15.7735,
-19.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	405B76
RGB	64, 91, 118
RGB Percent	25%, 36%, 46%
CMY	0.7490, 0.6431, 0.5373
CMYK	0.46, 0.23, 0.00, 0.54
HSL	210°, 30%, 36%
HSV	210°, 46%, 46%
XYZ	9.1255, 9.8802, 18.5656
YIQ	86.0050, -24.7590, 2.6730

Conversions

Conversions Part 2

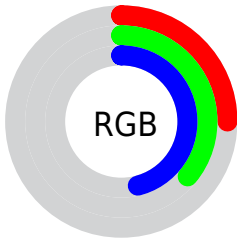
Format	Color
R _{YB}	64, 82, 118
Decimal	4217718
CIE Lab	37.63, -2.20, -18.44
CIE LCh	38, 18.575, 263.204
Yxy	9.8802, 0.2429, 0.2630
Android (android.graphics.Color)	4282407798 (0xFF405B76)
YUV	86.0050, 15.7735, -19.2984
Hunter-Lab	31.4327, -3.1857, -13.0165

Details

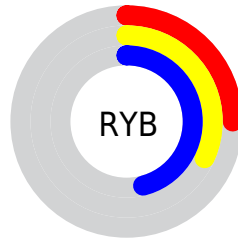
The YUV color **86.0050, 15.7735, -19.2984** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **95.9950, -15.7735, 19.2984**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2330, 16.6471, -19.4983**, and **38.8690, 15.3476, -22.6871** is the 20% darker color. If you saturate the color by 10%, you get **78.8950, 19.2788, -23.5869**, and if you desaturate by 10%, it is **93.1150, 12.2683, -15.0099**.

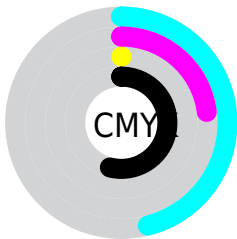
Distribution



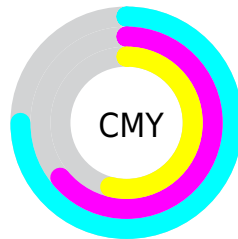
- Red (25%)
- Green (36%)
- Blue (46%)



- Red (25%)
- Yellow (32%)
- Blue (46%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (54%)



- Cyan (75%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0050, 15.7735, -19.2984 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 86.0050, 15.7735, -19.2984 by changing the saturation by 10% instead.

■ 86.0050, 15.7735,
-19.2984

■ 86.0050, 15.7735,
-19.2984

255.0000, 0.0000,
0.0000

■ 62.1790, 15.1948,
-20.3280

■ 136.2330, 16.6471,
-19.4983

■ 38.8690, 15.3476,
-22.6871

■ 162.7600, 17.3733,
-19.0835

■ 20.0330, 13.2947,
-17.5689

■ 190.4610, 17.5207,
-19.6983

■ 3.5510, 11.0674,
-3.1142

■ 217.5750, 17.9575,
-19.7983

■ 0.0000, 0.0000,
0.0000

■ 243.3830, 5.7272,
-16.9989

254.4020, 0.2948,

-1.2296

■ 86.0050, 15.7735,
-19.2984

■ 86.0050, 15.7735,
-19.2984

■ 78.8950, 19.2788,
-23.5869

■ 93.1150, 12.2683,
-15.0099

■ 71.7850, 22.7840,
-27.8754

■ 100.2250, 8.7631,
-10.7213

■ 64.9740, 26.1418,
-31.5492

■ 107.0360, 5.4053,
-7.0476

■ 57.8640, 29.6470,
-35.8377

■ 114.1460, 1.9000,
-2.7590

■ 50.7540, 33.1523,
-40.1263

■ 120.6690, -1.3158,
2.0443

■ 48.0850, 34.4681,
-42.1705

■ 127.7790, -4.8210,
6.3328

■ 134.8890, -8.3263,
10.6213

■ 141.7000,
-11.6841, 14.2951

■ 148.8100,
-15.1893, 18.5836

Harmonies

Analogous

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



81.9880, 14.7959, -32.4385



86.0050, 15.7735, -19.2984



89.4200, 13.1039, -2.9993

Triad

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



86.0050, 15.7735, -19.2984



90.1450, -6.4805, 25.3058



84.6750, -7.2348, -12.8700

Complementary

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



86.0050, 15.7735, -19.2984



95.9950, -15.7735, 19.2984

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.



86.3840, -12.5143, 0.5402



86.0050, 15.7735, -19.2984



89.0430, -11.8532, 21.8873

Square

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



86.0050, 15.7735, -19.2984



91.0720, 0.9505, 21.8619



87.7060, -14.1521, 12.5358



82.3620, 0.8075, -25.7505

Rectangle

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



86.0050, 15.7735, -19.2984



90.2750, 9.7244, 7.6518



87.7060, -14.1521, 12.5358



85.4260, -9.5770, -8.2666

Sweetspot

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



86.0050, 15.7735, -19.2984



140.2640, 6.2788, -7.2475



98.7760, -3.8336, -30.4986



68.7050, 4.0894, -5.0033



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



86.0050, 15.7735, -19.2984



103.2300, 24.5366, -30.0197



70.1560, 23.5871, -5.3988



55.4450, 1.7526, -2.1443



49.7150, 35.6365, -43.6001



101.8750, 73.0256, -89.3444

Inverse Universe

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



83.2240, 3.8336, 30.4986



98.9040, 5.9633, 47.4422



111.8440, -23.5871, 5.3988



55.1360, 0.4260, 3.3887



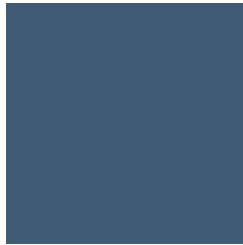
43.4320, 8.6610, 68.9041



89.0000, 17.7480, 141.1970

Previews

White Background



This preview shows how the YUV color 86.0050, 15.7735, -19.2984 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 86.0050, 15.7735, -19.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

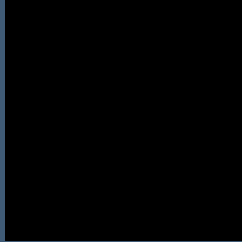
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

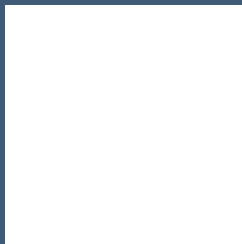
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.0050, 15.7735, -19.2984

Background



This preview shows how black text looks on a background with the YUV color 86.0050, 15.7735, -19.2984.



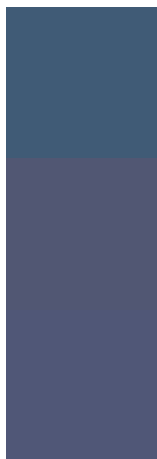
This preview shows how white text looks on a background with the YUV color 86.0050, 15.7735,

-19.2984.

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

86.0050, 15.7735, -19.2984

Protanopia

88.3980, 13.1148, -6.4880

Deuteranopia

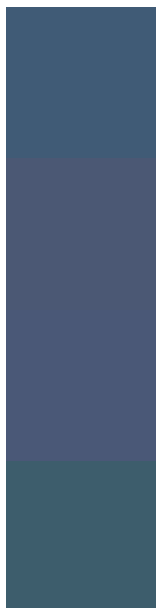
88.5550, 15.0094, -7.5027



Tritanopia

84.4470, 8.6536, -22.3170

Trichromacy



Original Color

86.0050, 15.7735, -19.2984

Protanomaly

87.3050, 14.1466, -10.7915

Deuteranomaly

87.3480, 15.6044, -11.7062

Tritanomaly

85.1420, 11.2690, -21.1725

Monochromacy



Original Color

86.0050, 15.7735, -19.2984

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1500, 5.8421, -7.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0050, 15.7735, -19.2984 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(64, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(64, 91, 118)  
}
```

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(64, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 91, 118) }
```

Border

The CSS property to change the border of an element to YUV 86.0050, 15.7735, -19.2984 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(64, 91, 118) }
```


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

```
.border{ border-color:rgb(64, 91, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 91, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(64, 91,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 86.0050, 15.7735, -19.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 91, 118) }
```

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

```
.background{ background-color: rgb(64, 91,  
118) }
```

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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