

Converting Colors

YUV(82.1650, 9.7787, -9.7917)

Have a look what the booklet for
YUV(82.1650, 9.7787, -9.7917)
contains.

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Color

**YUV(82.1650, 9.7787,
-9.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	475466
RGB	71, 84, 102
RGB Percent	28%, 33%, 40%
CMY	0.7216, 0.6706, 0.6000
CMYK	0.30, 0.18, 0.00, 0.60
HSL	215°, 18%, 34%
HSV	215°, 30%, 40%
XYZ	8.1671, 8.6395, 13.8075
YIQ	82.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

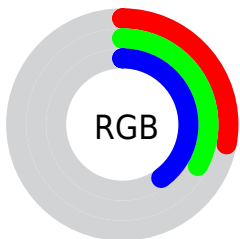
Format	Color
R_{YB}	71, 80, 102
Decimal	4674662
CIE _{Lab}	35.28, -0.40, -12.07
CIE _{LCh}	35, 12.072, 268.101
Yxy	8.6395, 0.2668, 0.2822
Android (android.graphics.Color)	4282864742 (0xFF475466)
YUV	82.1650, 9.7787, -9.7917
Hunter-Lab	29.3931, -1.8402, -7.2765

Details

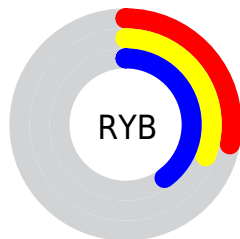
The YUV color **82.1650, 9.7787, -9.7917** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.8350, -9.7787, 9.7917**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3930, 10.6523, -9.9917**, and **36.9370, 8.9051, -9.5917** is the 20% darker color. If you saturate the color by 10%, you get **75.6530, 12.9891, -12.8507**, and if you desaturate by 10%, it is **88.6770, 6.5682, -6.7327**.

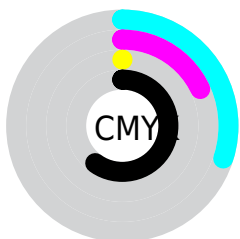
Distribution



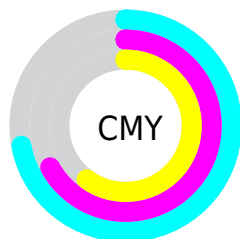
- Red (28%)
- Green (33%)
- Blue (40%)



- Red (28%)
- Yellow (31%)
- Blue (40%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (60%)



- Cyan (72%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1650, 9.7787, -9.7917 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 82.1650, 9.7787, -9.7917 by changing the saturation by 10% instead.

■ 82.1650, 9.7787,
-9.7917

■ 82.1650, 9.7787,
-9.7917

■ 255.0000, 0.0000,
0.0000

■ 59.0510, 9.3419,
-9.6917

■ 131.3930, 10.6523,
-9.9917

■ 36.9370, 8.9051,
-9.5917

■ 158.0940, 10.7997,
-10.6064

■ 15.9260, 8.9105,
-11.3361

■ 185.0940, 10.7997,
-10.6064

■ 1.1400, 4.3680,
-0.9998

■ 212.3220, 11.6733,
-10.8064

■ 0.0000, 0.0000,
0.0000

■ 240.1820, 7.3053,
-9.8066

■ 82.1650, 9.7787,
-9.7917

■ 82.1650, 9.7787,
-9.7917

■ 75.6530, 12.9891,
-12.8507

■ 88.6770, 6.5682,
-6.7327

■ 69.1410, 16.1995,
-15.9097

■ 95.1890, 3.3578,
-3.6738

■ 62.3300, 19.5573,
-19.5834

■ 102.0000, 0.0000,
0.0000

■ 55.8180, 22.7677,
-22.6424

■ 108.5120, -3.2104,
3.0590

■ 49.3060, 25.9781,
-25.7014

■ 115.0240, -6.4208,
6.1180

■ 42.7940, 29.1886,
-28.7603

■ 121.5360, -9.6312,
9.1769

■ 36.8690, 32.1096,
-32.3341

■ 127.4610,
-12.5523, 12.7507

■ 134.2720,

-15.9101, 16.4245

■ 140.7840,
-19.1205, 19.4834

Harmonies

Analogous

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



80.2950, 9.2216, -17.7987



82.1650, 9.7787, -9.7917



84.0630, 7.8569, -0.0553

Triad

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



82.1650, 9.7787, -9.7917



84.4320, -5.1430, 16.2841



80.3210, -3.6093, -9.0515

Complementary

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



82.1650, 9.7787, -9.7917



90.8350, -9.7787, 9.7917

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.



81.6380, -7.7095, -0.5595



82.1650, 9.7787, -9.7917



83.6120, -8.1897, 13.4953

Square

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



82.1650, 9.7787, -9.7917



84.6860, -0.3382, 15.1844



82.6390, -9.1890, 7.3326



78.9440, 1.5066, -16.6139

Rectangle

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



82.1650, 9.7787, -9.7917



84.8250, 5.5093, 6.2925



82.6390, -9.1890, 7.3326



80.8760, -5.3619, -6.9073

Sweetspot

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



82.1650, 9.7787, -9.7917



125.3030, 3.7946, -3.7737



91.2490, -1.1088, -17.7584



61.5590, 2.1894, -2.2442



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.



82.1650, 9.7787, -9.7917



102.2120, 15.1785, -15.0949



75.1320, 13.2459, -1.8698



47.7440, 1.6052, -1.5295



41.2860, 36.3410, -36.2078



87.4620, 76.1872, -76.7042

Inverse Universe

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



81.7510, 1.1088, 17.7584



101.6320, 1.6604, 27.5097



97.8680, -13.2459, 1.8698



47.7230, 0.1366, 2.8739



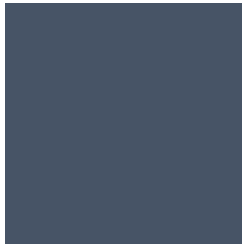
39.8570, 4.0145, 65.9004



83.9860, 8.8809, 138.5783

Previews

White Background



This preview shows how the YUV color 82.1650, 9.7787, -9.7917 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 82.1650, 9.7787, -9.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

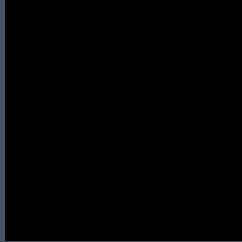
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

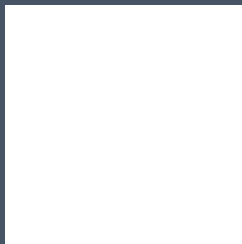
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.1650, 9.7787, -9.7917

Background



This preview shows how black text looks on a background with the YUV color 82.1650, 9.7787, -9.7917.



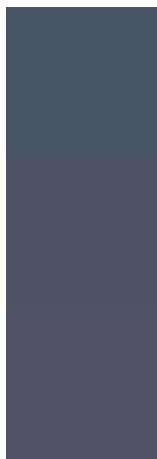
This preview shows how white text looks on a background with the YUV color 82.1650, 9.7787, -9.7917.

-9.7917.

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

82.1650, 9.7787, -9.7917

Protanopia

83.2690, 8.7414, -3.7439

Deuteranopia

83.5080, 9.6096, -2.1995



Tritanopia

81.6010, 5.1267, -11.0511

Trichromacy



Original Color

82.1650, 9.7787, -9.7917

Protanomaly

82.9590, 8.8942, -6.1030

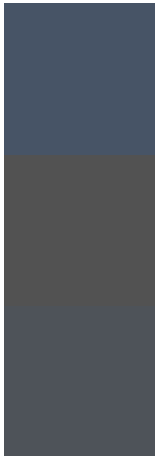
Deuteranomaly

82.8990, 9.9098, -5.1734

Tritanomaly

81.7690, 7.0159, -10.3214

Monochromacy



Original Color

82.1650, 9.7787, -9.7917

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1650, 9.7787, -9.7917 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(71, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(71, 84, 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(71, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 84, 102) }
```

Border

The CSS property to change the border of an element to YUV 82.1650, 9.7787, -9.7917 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(71, 84, 102) }
```


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

```
.border{ border-color:rgb(71, 84, 102) }
```

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

Here you see how a box with a 4 pixel rgb(71, 84, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(71, 84,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 82.1650, 9.7787, -9.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 84, 102) }
```

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

```
.background{ background-color: rgb(71, 84,  
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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