

Converting Colors

YUV(82.1950, 17.6519,
-15.0800)

Have a look what the booklet for
YUV(82.1950, 17.6519, -15.0800)
contains.

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Color

**YUV(82.1950, 17.6519,
-15.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	415476
RGB	65, 84, 118
RGB Percent	25%, 33%, 46%
CMY	0.7451, 0.6706, 0.5373
CMYK	0.45, 0.29, 0.00, 0.54
HSL	218°, 29%, 36%
HSV	218°, 45%, 46%
XYZ	8.6203, 8.7725, 18.3785
YIQ	82.1950, -22.2380, 6.5460

Conversions

Conversions Part 2

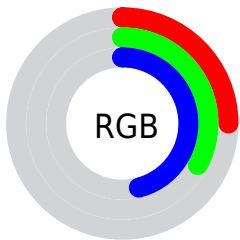
Format	Color
RYB	65, 79, 118
Decimal	4281462
CIELab	35.54, 2.48, -21.66
CIElCh	36, 21.805, 276.530
Yxy	8.7725, 0.2410, 0.2452
Android (android.graphics.Color)	4282471542 (0xFF415476)
YUV	82.1950, 17.6519, -15.0800
Hunter-Lab	29.6184, 0.1196, -16.0571

Details

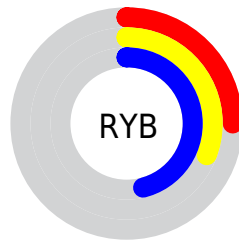
The YUV color **82.1950, 17.6519, -15.0800** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **100.8050, -17.6519, 15.0800**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8360, 18.8149, -14.7652**, and **35.2440, 16.6417, -17.7540** is the 20% darker color. If you saturate the color by 10%, you get **73.9110, 21.7359, -18.3389**, and if you desaturate by 10%, it is **90.4790, 13.5679, -11.8211**.

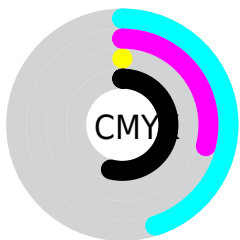
Distribution



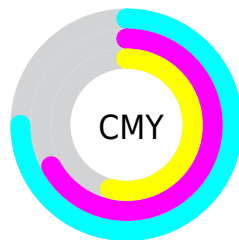
- Red (25%)
- Green (33%)
- Blue (46%)



- Red (25%)
- Yellow (31%)
- Blue (46%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (54%)



- Cyan (75%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1950, 17.6519, -15.0800 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 82.1950, 17.6519, -15.0800 by changing the saturation by 10% instead.

■ 82.1950, 17.6519,
-15.0800

■ 82.1950, 17.6519,
-15.0800

255.0000, 0.0000,
0.0000

■ 58.6680, 16.9257,
-15.4948

■ 131.8360, 18.8149,
-14.7652

■ 35.2440, 16.6417,
-17.7540

■ 158.3630, 19.5410,
-14.3504

■ 16.5110, 15.0311,
-14.4801

■ 185.4770, 19.9778,
-14.4503

■ 3.5510, 11.0674,
-3.1142

■ 213.1780, 20.1252,
-15.0651

■ 0.0000, 0.0000,
0.0000

■ 238.3990, 8.1843,
-11.7509

254.4020, 0.2948,

-1.2296

■ 82.1950, 17.6519,
-15.0800

■ 82.1950, 17.6519,
-15.0800

■ 73.9110, 21.7359,
-18.3389

■ 90.4790, 13.5679,
-11.8211

■ 66.2140, 25.5305,
-22.1127

■ 98.1760, 9.7732,
-8.0474

■ 58.2290, 29.4671,
-24.7568

■ 106.1610, 5.8366,
-5.4032

■ 50.5320, 33.2617,
-28.5306

■ 113.8580, 2.0420,
-1.6295

■ 42.2480, 37.3457,
-31.7895

■ 122.1420, -2.0420,
1.6295

■ 38.1060, 39.3877,
-33.4190

■ 129.8390, -5.8366,
5.4032

■ 138.1230, -9.9206,
8.6621

■ 146.1080,
-13.8572, 11.3063

■ 153.8050,
-17.6519, 15.0800

Harmonies

Analogous

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



76.1170, 19.1693, -35.1826



82.1950, 17.6519, -15.0800



85.7630, 12.9348, 4.5928

Triad

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



82.1950, 17.6519, -15.0800



84.2440, -9.9803, 27.8500



77.4180, -4.1501, -22.2916

Complementary

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



82.1950, 17.6519, -15.0800



100.8050, -17.6519, 15.0800

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.



80.3400, -12.4926, -6.4372



82.1950, 17.6519, -15.0800



83.7070, -15.6316, 20.4280

Square

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



82.1950, 17.6519, -15.0800



85.1930, -2.5601, 27.8947



82.1030, -16.3198, 7.8027



73.1800, 6.8133, -38.7459

Rectangle

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



82.1950, 17.6519, -15.0800



86.2760, 8.2449, 15.5439



82.1030, -16.3198, 7.8027



78.3540, -7.0765, -16.9735

Sweetspot

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



82.1950, 17.6519, -15.0800



139.3890, 6.7102, -5.6032



99.9870, -0.4866, -30.6836



68.4170, 4.2314, -3.8737



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.



82.1950, 17.6519, -15.0800



97.0720, 27.5725, -23.7421



73.1350, 22.1184, -0.9954



54.8580, 2.0420, -1.6295



39.7360, 40.5562, -34.8485



81.3300, 83.1543, -71.3264

Inverse Universe

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



83.0130, 0.4866, 30.6836



98.2370, 0.8692, 48.0272



109.8650, -22.1184, 0.9954



55.0220, -0.0108, 3.4887



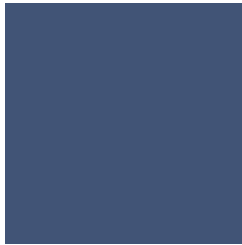
41.4940, 1.2355, 70.6038



85.0100, 2.4601, 144.6962

Previews

White Background



This preview shows how the YUV color 82.1950, 17.6519, -15.0800 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 82.1950, 17.6519, -15.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

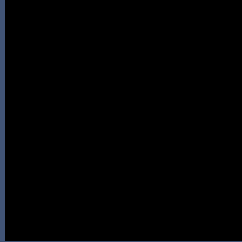
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1950, 17.6519, -15.0800

Background



This preview shows how black text looks on a background with the YUV color 82.1950, 17.6519, -15.0800.



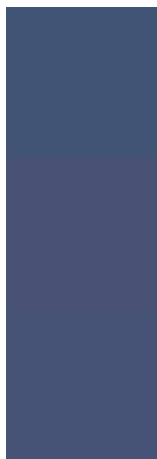
This preview shows how white text looks on a background with the YUV color 82.1950, 17.6519,

-15.0800.

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

82.1950, 17.6519, -15.0800

Protanopia

83.2990, 16.6146, -9.0322

Deuteranopia

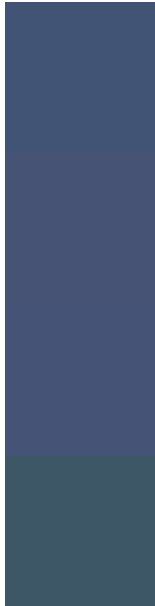
83.4020, 17.0568, -10.8766



Tritanopia

80.1270, 7.3324, -18.5284

Trichromacy



Original Color

82.1950, 17.6519, -15.0800

Protanomaly

82.9890, 16.7674, -11.3914

Deuteranomaly

82.8040, 17.3516, -12.1061

Tritanomaly

81.0500, 10.8214, -17.5838

Monochromacy



Original Color

82.1950, 17.6519, -15.0800

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2750, 6.2734, -5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1950, 17.6519, -15.0800 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(65, 84, 118)` looks like.

```
.text, #text, p{  
    color:rgb(65, 84, 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(65, 84, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 84, 118) }
```

Border

The CSS property to change the border of an element to YUV 82.1950, 17.6519, -15.0800 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(65, 84, 118) }
```


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

```
.border{ border-color:rgb(65, 84, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 84, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 84, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 84, 118);  
box-shadow:4px 4px 4px 4px rgb(65, 84,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 82.1950, 17.6519, -15.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 84, 118) }
```

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

```
.background{ background-color: rgb(65, 84,  
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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