

Converting Colors

YUV(82.2830, 17.6085, -1.1252)

Have a look what the booklet for
YUV(82.2830, 17.6085, -1.1252)
contains.

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Color

**YUV(82.2830, 17.6085,
-1.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	514C76
RGB	81, 76, 118
RGB Percent	32%, 30%, 46%
CMY	0.6824, 0.7020, 0.5373
CMYK	0.31, 0.36, 0.00, 0.54
HSL	247°, 22%, 38%
HSV	247°, 36%, 46%
XYZ	9.2478, 8.2262, 18.2399
YIQ	82.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

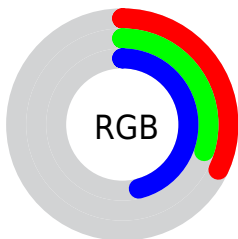
Format	Color
R_{YB}	81, 76, 118
Decimal	5327990
CIE _{Lab}	34.45, 12.51, -23.27
CIE _{LCh}	34, 26.421, 298.271
Yxy	8.2262, 0.2589, 0.2303
Android (android.graphics.Color)	4283518070 (0xFF514C76)
YUV	82.2830, 17.6085, -1.1252
Hunter-Lab	28.6814, 7.3617, -17.6285

Details

The YUV color **82.2830, 17.6085, -1.1252** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.7170, -17.6085, 1.1252**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9240, 18.7715, -0.8103**, and **36.8160, 15.8667, -2.4696** is the 20% darker color. If you saturate the color by 10%, you get **72.2490, 22.5552, -1.0954**, and if you desaturate by 10%, it is **92.3170, 12.6617, -1.1550**.

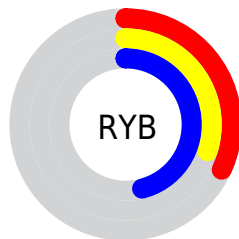
Distribution



Red (32%)

Green (30%)

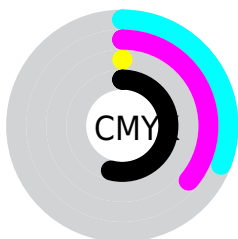
Blue (46%)



Red (32%)

Yellow (30%)

Blue (46%)

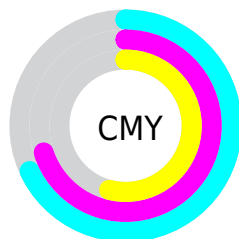


Cyan (31%)

Magenta (36%)

Yellow (0%)

Black (54%)



Cyan (68%)

Magenta (70%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2830, 17.6085, -1.1252 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 82.2830, 17.6085, -1.1252 by changing the saturation by 10% instead.

■ 82.2830, 17.6085,
-1.1252

■ 82.2830, 17.6085,
-1.1252

■ 255.0000, 0.0000,
0.0000

■ 58.7560, 16.8823,
-1.5400

■ 131.9240, 18.7715,
-0.8103

■ 36.8160, 15.8667,
-2.4696

■ 158.4510, 19.4977,
-0.3955

■ 14.5280, 16.0087,
-1.3401

■ 184.9780, 20.2238,
0.0193

■ 3.5510, 11.0674,
-3.1142

■ 213.0920, 20.6606,
-0.0807

■ 0.0000, 0.0000,
0.0000

■ 238.1990, 8.2829,
3.3335

■ 82.2830, 17.6085,
-1.1252

■ 82.2830, 17.6085,
-1.1252

■ 72.2490, 22.5552,
-1.0954

■ 92.3170, 12.6617,
-1.1550

■ 61.9160, 27.6494,
-1.6803

■ 102.6500, 7.5676,
-0.5700

■ 52.4690, 32.3068,
-2.1653

■ 112.0970, 2.9102,
-0.0851

■ 42.1360, 37.4010,
-2.7503

■ 122.4300, -2.1840,
0.4999

■ 32.1020, 42.3477,
-2.7205

■ 132.4640, -7.1308,
0.4701

■ 22.0680, 47.2945,
-2.6906


■ 142.4980,
-12.0775, 0.4403

■ 17.6380, 49.4785,
-3.1905

■ 152.8310,
-17.1717, 1.0252

■ 162.2780,

-21.8291, 1.5102

 172.6110,
-26.9232, 2.0952

Harmonies

Analogous

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



76.4860, 22.9314, -28.4902



82.2830, 17.6085, -1.1252



83.3520, 9.6865, 19.8623

Triad

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



82.2830, 17.6085, -1.1252



80.6970, -17.1056, 26.5757



64.8040, 6.9986, -51.5711

Complementary

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



82.2830, 17.6085, -1.1252



111.7170, -17.6085, 1.1252

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.



73.7940, -7.7864, -22.6213



82.2830, 17.6085, -1.1252



79.1100, -20.2672, 13.9355

Square

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



82.2830, 17.6085, -1.1252



81.6900, -9.7072, 33.5979



77.5100, -17.0134, -3.0783



65.4040, 17.0558, -57.3593

Rectangle

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



82.2830, 17.6085, -1.1252



83.0990, 3.4022, 28.8542



77.5100, -17.0134, -3.0783



69.1000, 1.4297, -38.6757

Sweetspot

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



82.2830, 17.6085, -1.1252



138.5360, 7.1308, -0.4701



102.5070, 7.6380, -23.2466



68.4390, 4.2206, -0.3850



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.



82.2830, 17.6085, -1.1252



96.9160, 27.6494, -1.6803



88.5620, 14.5129, 11.7851



53.6840, 2.6208, -0.5999



18.3930, 51.0783, -2.9757



37.4700, 104.7773, -6.5512

Inverse Universe

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



92.7760, 9.9704, 22.1214



113.3460, 15.6054, 34.7766



105.4380, -14.5129, -11.7851



55.3640, 1.2995, 3.1888



48.7900, 29.1905, 64.2052



99.8300, 59.2438, 131.6991

Previews

White Background



This preview shows how the YUV color 82.2830, 17.6085, -1.1252 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 82.2830, 17.6085, -1.1252 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 82.2830, 17.6085, -1.1252

Background



This preview shows how black text looks on a background with the YUV color 82.2830, 17.6085, -1.1252.



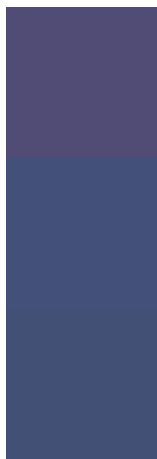
This preview shows how white text looks on a background with the YUV color 82.2830, 17.6085,

-1.1252.

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

82.2830, 17.6085, -1.1252

Protanopia

80.7870, 19.8250, -12.0912

Deuteranopia

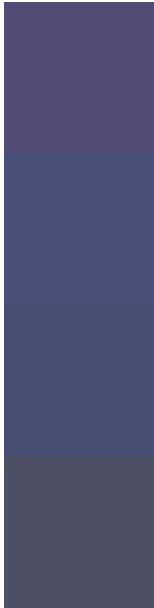
80.3310, 18.0778, -11.6913



Tritanopia

80.7050, 4.0894, -5.0033

Trichromacy



Original Color

82.2830, 17.6085, -1.1252

Protanomaly

81.5810, 18.9406, -8.4025

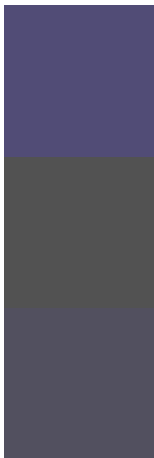
Deuteranomaly

81.2390, 17.6302, -8.1026

Tritanomaly

81.3830, 9.1782, -3.8439

Monochromacy



Original Color

82.2830, 17.6085, -1.1252

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.3080, 6.2572, -0.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2830, 17.6085, -1.1252 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(81, 76, 118)` looks like.

```
.text, #text, p{  
    color:rgb(81, 76, 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(81, 76, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 76, 118) }
```

Border

The CSS property to change the border of an element to YUV 82.2830, 17.6085, -1.1252 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(81, 76, 118) }
```


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

```
.border{ border-color:rgb(81, 76, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 76, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 76, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 76, 118);  
box-shadow:4px 4px 4px 4px rgb(81, 76,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 82.2830, 17.6085, -1.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 76, 118) }
```

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

```
.background{ background-color: rgb(81, 76,  
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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