

Converting Colors

YUV(82.1300, 19.6559, -4.4990)

Have a look what the booklet for
YUV(82.1300, 19.6559, -4.4990)
contains.

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Color

**YUV(82.1300, 19.6559,
-4.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	4D4D7A
RGB	77, 77, 122
RGB Percent	30%, 30%, 48%
CMY	0.6980, 0.6980, 0.5216
CMYK	0.37, 0.37, 0.00, 0.52
HSL	240°, 23%, 39%
HSV	240°, 37%, 48%
XYZ	9.2273, 8.2907, 19.5263
YIQ	82.1300, -14.4450, 13.9950

Conversions

Conversions Part 2

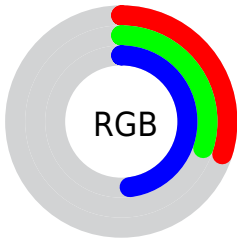
Format	Color
R_{YB}	77, 77, 122
Decimal	5066106
CIE _{Lab}	34.58, 11.78, -25.58
CIE _{LCh}	35, 28.157, 294.726
Yxy	8.2907, 0.2491, 0.2238
Android (android.graphics.Color)	4283256186 (0xFF4D4D7A)
YUV	82.1300, 19.6559, -4.4990
Hunter-Lab	28.7935, 6.8142, -20.0519

Details

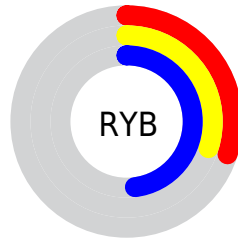
The YUV color **82.1300, 19.6559, -4.4990** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116.8700, -19.6559, 4.4990**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1840, 21.1083, -3.6694**, and **36.3640, 18.0615, -6.4582** is the 20% darker color. If you saturate the color by 10%, you get **71.4980, 24.8975, -5.6987**, and if you desaturate by 10%, it is **92.7620, 14.4143, -3.2993**.

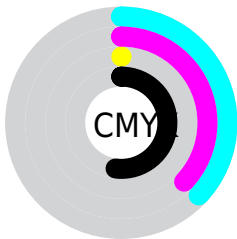
Distribution



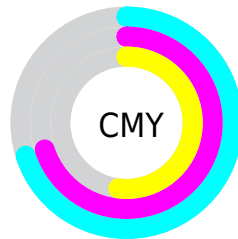
- Red (30%)
- Green (30%)
- Blue (48%)



- Red (30%)
- Yellow (30%)
- Blue (48%)



- Cyan (37%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (70%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1300, 19.6559, -4.4990 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 82.1300, 19.6559, -4.4990 by changing the saturation by 10% instead.

■ 82.1300, 19.6559,
-4.4990

■ 82.1300, 19.6559,
-4.4990

■ 255.0000, 0.0000,
0.0000

■ 58.6030, 18.9297,
-4.9138

■ 132.1840, 21.1083,
-3.6694

■ 36.3640, 18.0615,
-6.4582

■ 158.2980, 21.5451,
-3.7693

■ 13.9510, 17.7722,
-6.9730

■ 184.8250, 22.2713,
-3.3545

■ 4.4800, 12.0884,
-3.9290

■ 212.4830, 20.9609,
-3.0546

■ 0.0000, 0.0000,
0.0000

■ 237.5900, 8.5831,
0.3596

■ 82.1300, 19.6559,
-4.4990

■ 82.1300, 19.6559,
-4.4990

■ 71.4980, 24.8975,
-5.6987

■ 92.7620, 14.4143,
-3.2993

■ 60.8660, 30.1391,
-6.8985

■ 103.3940, 9.1728,
-2.0995

■ 49.3480, 35.8174,
-8.1982

■ 114.9120, 3.4944,
-0.7998

■ 38.7160, 41.0590,
-9.3979

■ 125.5440, -1.7472,
0.3999

■ 28.0840, 46.3006,
-10.5977

■ 136.1760, -6.9888,
1.5996

■ 17.4520, 51.5422,
-11.7974

■ 146.8080,
-12.2303, 2.7994

■ 13.9080, 53.2894,
-12.1973

■ 157.4400,
-17.4719, 3.9991

■ 168.9580,

-23.1503, 5.2988

■ 179.5900,
-28.3919, 6.4986

Harmonies

Analogous

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



74.1260, 25.5739, -36.0675



82.1300, 19.6559, -4.4990



83.5090, 11.5811, 18.8476

Triad

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



82.1300, 19.6559, -4.4990



81.1920, -17.8427, 29.6496



63.5540, 6.1359, -54.8599

Complementary

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



82.1300, 19.6559, -4.4990



116.8700, -19.6559, 4.4990

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.



73.7510, -9.2442, -21.7066



82.1300, 19.6559, -4.4990



79.7790, -21.5830, 15.9798

Square

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



82.1300, 19.6559, -4.4990



81.6410, -8.6970, 36.2718



77.6520, -19.0554, -1.4488



65.8770, 16.3296, -57.7741

Rectangle

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



82.1300, 19.6559, -4.4990



83.2670, 5.2914, 29.5838



77.6520, -19.0554, -1.4488



69.0460, -0.0227, -39.5053

Sweetspot

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



82.1300, 19.6559, -4.4990



142.9380, 7.4256, -1.6996



108.5450, 6.6333, -27.6650



70.1400, 4.3680, -0.9998



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



82.1300, 19.6559, -4.4990



96.8660, 30.1391, -6.8985



89.0070, 16.2655, 9.6409



55.6840, 2.6208, -0.5999



14.2500, 54.5998, -12.4972



28.7280, 110.0731, -25.1945

Inverse Universe

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



95.5850, 13.0226, 23.1660



117.4970, 19.9680, 35.5211



110.2920, -16.4130, -9.0261



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 82.1300, 19.6559, -4.4990 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 82.1300, 19.6559, -4.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

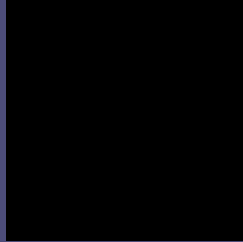
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1300, 19.6559, -4.4990

Background



This preview shows how black text looks on a background with the YUV color 82.1300, 19.6559, -4.4990.



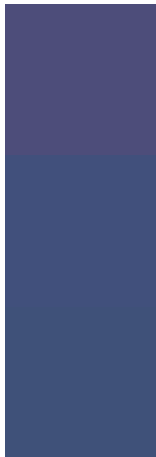
This preview shows how white text looks on a background with the YUV color 82.1300, 19.6559,

-4.4990.

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

82.1300, 19.6559, -4.4990

Protanopia

80.5310, 21.4302, -13.6207

Deuteranopia

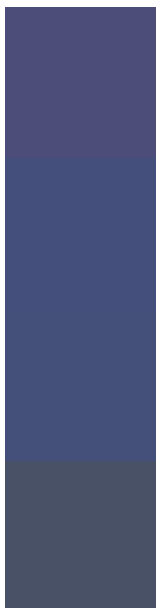
80.1780, 20.1252, -15.0651



Tritanopia

80.4980, 4.6845, -9.2067

Trichromacy



Original Color

82.1300, 19.6559, -4.4990

Protanomaly

81.0260, 20.6932, -10.5468

Deuteranomaly

81.0860, 19.6776, -11.4764

Tritanomaly

81.0020, 10.3520, -7.0178

Monochromacy



Original Color

82.1300, 19.6559, -4.4990

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1300, 19.6559, -4.4990 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(77, 77, 122)` looks like.

```
.text, #text, p{  
    color:rgb(77, 77, 122)  
}
```

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(77, 77, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 77, 122) }
```

Border

The CSS property to change the border of an element to YUV 82.1300, 19.6559, -4.4990 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(77, 77, 122) }
```


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

```
.border{ border-color:rgb(77, 77, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 77, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 77, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 77, 122);  
box-shadow:4px 4px 4px 4px rgb(77, 77,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 82.1300, 19.6559, -4.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 77, 122) }
```

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

```
.background{ background-color: rgb(77, 77,  
122) }
```

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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