

Converting Colors

YUV(79.8600, -4.3680, 0.9998)

Have a look what the booklet for
YUV(79.8600, -4.3680, 0.9998)
contains.

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Color

**YUV(79.8600, -4.3680,
0.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	515147
RGB	81, 81, 71
RGB Percent	32%, 32%, 28%
CMY	0.6824, 0.6824, 0.7216
CMYK	0.00, 0.00, 0.12, 0.68
HSL	60°, 7%, 30%
HSV	60°, 12%, 32%
XYZ	7.4731, 8.0891, 7.1287
YIQ	79.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

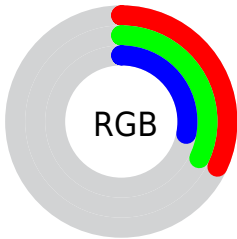
Format	Color
R_{YB}	71, 81, 71
Decimal	5329223
CIE Lab	34.17, -2.04, 5.89
CIE LCh	34, 6.231, 109.095
Yxy	8.0891, 0.3293, 0.3565
Android (android.graphics.Color)	4283519303 (0xFF515147)
YUV	79.8600, -4.3680, 0.9998
Hunter-Lab	28.4414, -2.8708, 5.0482

Details

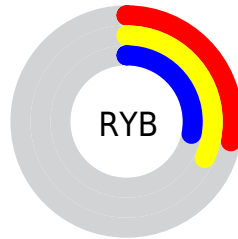
The YUV color **79.8600, -4.3680, 0.9998** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72.1400, 4.3680, -0.9998**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7460, -4.8048, 1.0998**, and **35.6750, -3.7838, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **78.9480, -7.8624, 1.7996**, and if you desaturate by 10%, it is **80.7720, -0.8736, 0.2000**.

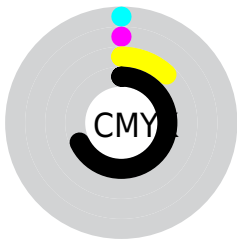
Distribution



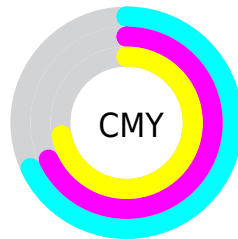
- Red (32%)
- Green (32%)
- Blue (28%)



- Red (28%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (68%)



- Cyan (68%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8600, -4.3680, 0.9998 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 79.8600, -4.3680, 0.9998 by changing the saturation by 10% instead.

■ 79.8600, -4.3680,
0.9998

■ 79.8600, -4.3680,
0.9998

■ 255.0000, 0.0000,
0.0000

■ 56.9740, -3.9312,
0.8998

■ 128.7460, -4.8048,
1.0998

■ 35.6750, -3.7838,
0.2850

■ 154.7460, -4.8048,
1.0998

■ 13.7030, -6.2626,
2.0145

■ 181.7460, -4.8048,
1.0998

■ 0.0000, 0.0000,
0.0000

■ 209.6320, -5.2416,
1.1997

■ 237.6320, -5.2416,
1.1997

■ 79.8600, -4.3680,
0.9998

■ 79.8600, -4.3680,
0.9998

■ 78.9480, -7.8624,
1.7996

■ 80.7720, -0.8736,
0.2000

■ 78.0360, -11.3567,
2.5994

■ 81.6840, 2.6208,
-0.5999

■ 77.1240, -14.8511,
3.3993

■ 82.5960, 6.1152,
-1.3997

■ 76.2120, -18.3455,
4.1991

■ 83.5080, 9.6096,
-2.1995

■ 75.3000, -21.8399,
4.9989

■ 84.5340, 13.5407,
-3.0993

■ 74.2740, -25.7711,
5.8987

■ 85.4460, 17.0351,
-3.8991

■ 73.3620, -29.2655,
6.6985

■ 86.3580, 20.5295,
-4.6990

■ 72.4500, -32.7598,

■ 87.2700, 24.0239,

7.4984

-5.4988

■ 71.7660, -35.3806,
8.0982

■ 88.1820, 27.5183,
-6.2986

Harmonies

Analogous

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



80.1810, -4.5262, 5.1033



79.8600, -4.3680, 0.9998



78.9950, -2.4625, -3.5036

Triad

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



79.8600, -4.3680, 0.9998



79.3840, 4.2477, -9.1068



81.1580, 0.4151, 6.8774

Complementary

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



79.8600, -4.3680, 0.9998



72.1400, 4.3680, -0.9998

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.



81.1190, 2.8993, 3.4036



79.8600, -4.3680, 0.9998



79.6340, 5.1104, -5.8180

Square

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



79.8600, -4.3680, 0.9998



78.5150, 2.2111, -9.2217



80.8410, 4.5154, -1.6146



81.1860, -2.0637, 8.6069

Rectangle

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



79.8600, -4.3680, 0.9998



79.0270, -0.9993, -6.1627



80.8410, 4.5154, -1.6146



81.0870, 1.4361, 6.0627

Sweetspot

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



79.8600, -4.3680, 0.9998



104.4300, -2.1840, 0.4999



73.9900, -1.4741, 6.1478



53.6580, -1.3104, 0.2999



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



79.8600, -4.3680, 0.9998



103.1760, -6.9888, 1.5996



78.3650, -3.6309, -2.0741



40.5440, -1.7472, 0.3999



93.0300, -45.8638, 10.4977



205.5520, -101.3371, 23.1949

Inverse Universe

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



72.1400, 4.3680, -0.9998



90.8240, 6.9888, -1.5996



73.6350, 3.6309, 2.0741



37.4560, 1.7472, -0.3999



11.9700, 45.8638, -10.4977



26.4480, 101.3371, -23.1949

Previews

White Background



This preview shows how the YUV color 79.8600, -4.3680, 0.9998 looks on a white background.

Color Contrast Check

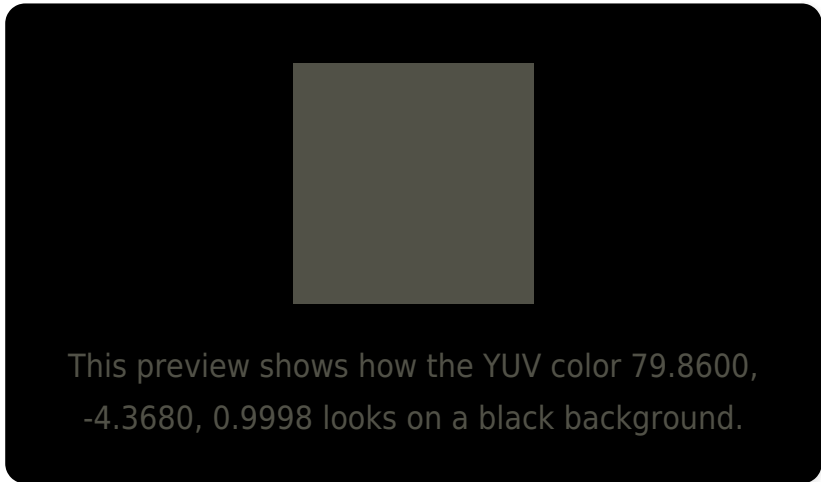
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

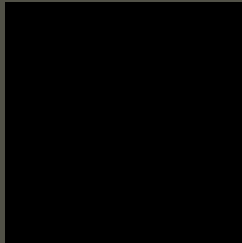
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8600, -4.3680, 0.9998

Background



This preview shows how black text looks on a background with the YUV color 79.8600, -4.3680, 0.9998.



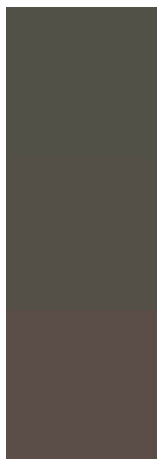
This preview shows how white text looks on a background with the YUV color 79.8600, -4.3680,

0.9998.

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

79.8600, -4.3680, 0.9998

Protanopia

80.1700, -4.5208, 3.3589

Deuteranopia

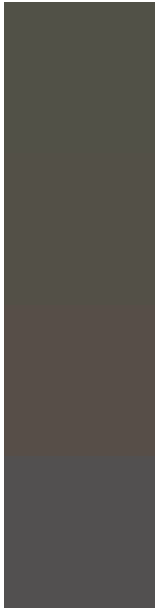
80.6160, -4.2477, 9.1068



Tritanopia

80.8800, 2.0312, 1.8592

Trichromacy



Original Color

79.8600, -4.3680, 0.9998

Protanomaly

79.8710, -4.3734, 2.7441

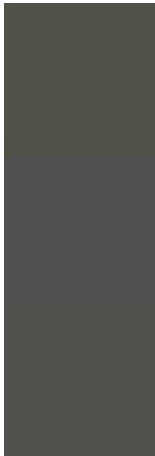
Deuteranomaly

80.0070, -3.9475, 6.1329

Tritanomaly

80.5980, -0.2948, 1.2296

Monochromacy



Original Color

79.8600, -4.3680, 0.9998

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8600, -4.3680, 0.9998 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, 81, 71)` looks like.

```
.text, #text, p{  
    color:rgb(81, 81, 71)  
}
```

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, 81, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 81, 71) }
```

Border

The CSS property to change the border of an element to YUV 79.8600, -4.3680, 0.9998 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, 81, 71) }
```


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

```
.border{ border-color:rgb(81, 81, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 81, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 81, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 81, 71);  
box-shadow:4px 4px 4px 4px rgb(81, 81, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.8600, -4.3680, 0.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 81, 71) }
```

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

```
.background{ background-color: rgb(81, 81,  
71) }
```

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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