

Converting Colors

YUV(36.8600, -4.3680, 0.9998)

Have a look what the booklet for
YUV(36.8600, -4.3680, 0.9998)
contains.

YUV(36.8600, -4.3680, 0.9998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(36.8600, -4.3680,
0.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	26261C
RGB	38, 38, 28
RGB Percent	15%, 15%, 11%
CMY	0.8510, 0.8510, 0.8902
CMYK	0.00, 0.00, 0.26, 0.85
HSL	60°, 15%, 13%
HSV	60°, 26%, 15%
XYZ	1.7020, 1.8821, 1.3722
YIQ	36.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

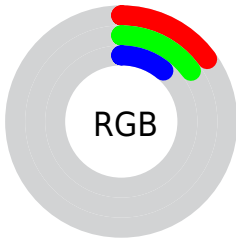
Format	Color
RYB	28, 38, 28
Decimal	2500124
CIELab	14.86, -2.19, 6.66
CIELCh	15, 7.008, 108.197
Yxy	1.8821, 0.3434, 0.3797
Android (android.graphics.Color)	4280690204 (0xFF26261C)
YUV	36.8600, -4.3680, 0.9998
Hunter-Lab	13.7191, -1.8630, 3.6732

Details

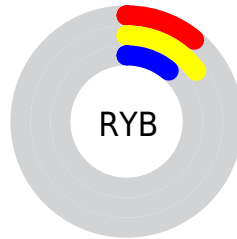
The YUV color **36.8600, -4.3680, 0.9998** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29.1400, 4.3680, -0.9998**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6320, -5.2416, 1.1997**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.4040, -6.1152, 1.3997**, and if you desaturate by 10%, it is **37.3160, -2.6208, 0.5999**.

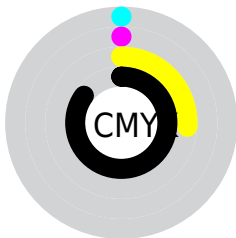
Distribution



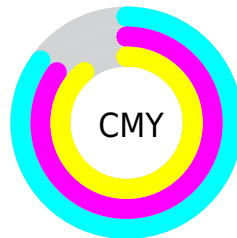
- Red (15%)
- Green (15%)
- Blue (11%)



- Red (11%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (85%)



- Cyan (85%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8600, -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 36.8600, -4.3680, 0.9998 by changing the saturation by 10% instead.

■ 36.8600, -4.3680,
0.9998

■ 36.8600, -4.3680,
0.9998

■ 255.0000, 0.0000,
0.0000

■ 15.4750, -7.1362,
2.2144

■ 81.6320, -5.2416,
1.1997

■ 0.0000, 0.0000,
0.0000

■ 105.6320, -5.2416,
1.1997

■ 130.6320, -5.2416,
1.1997

■ 156.5180, -5.6784,
1.2997

■ 183.5180, -5.6784,
1.2997

■ 211.4040, -6.1152,

1.3997

■ 239.7030, -6.2626,
2.0145

■ 36.8600, -4.3680,
0.9998

■ 36.8600, -4.3680,
0.9998

■ 36.4040, -6.1152,
1.3997

■ 37.3160, -2.6208,
0.5999

■ 35.9480, -7.8624,
1.7996

■ 37.7720, -0.8736,
0.2000

■ 35.6060, -9.1728,
2.0995

■ 38.1140, 0.4368,
-0.1000

■ 35.1500, -10.9200,
2.4995

■ 38.5700, 2.1840,
-0.4999

■ 34.6940, -12.6671,
2.8994

■ 39.0260, 3.9312,
-0.8998

■ 34.2380, -14.4143,
3.2993

■ 39.4820, 5.6784,
-1.2997

■ 33.7820, -16.1615,
3.6992

■ 39.9380, 7.4256,
-1.6996

■ 33.6680, -16.5983,
3.7992

■ 40.2800, 8.7360,
-1.9996

■ 40.7360, 10.4832,
-2.3995

Harmonies

Analogous

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



37.1810, -4.5262, 5.1033



36.8600, -4.3680, 0.9998



35.9950, -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.



36.8600, -4.3680, 0.9998



36.0850, 4.3951, -9.7215



38.2720, 0.8519, 6.7775

Complementary

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



36.8600, -4.3680, 0.9998



29.1400, 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.



38.1190, 2.8993, 3.4036



36.8600, -4.3680, 0.9998



36.3350, 5.2578, -6.4328

Square

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



36.8600, -4.3680, 0.9998



35.2160, 2.3585, -9.8364



37.8410, 4.5154, -1.6146



38.3000, -1.6269, 8.5069

Rectangle

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



36.8600, -4.3680, 0.9998



36.0270, -0.9993, -6.1627



37.8410, 4.5154, -1.6146



38.0870, 1.4361, 6.0627

Sweetspot

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



36.8600, -4.3680, 0.9998



47.6580, -1.3104, 0.2999



30.9900, -1.4741, 6.1478



25.6580, -1.3104, 0.2999



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



36.8600, -4.3680, 0.9998



46.2900, -6.5520, 1.4997



35.3650, -3.6309, -2.0741



17.7720, -0.8736, 0.2000



72.6520, -35.8174, 8.1982



185.1740, -91.2908, 20.8954

Inverse Universe

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



29.1400, 4.3680, -0.9998



34.7100, 6.5520, -1.4997



30.6350, 3.6309, 2.0741



16.2280, 0.8736, -0.2000



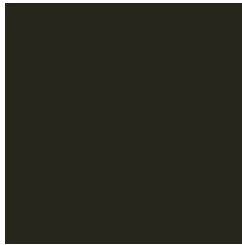
9.3480, 35.8174, -8.1982



23.8260, 91.2908, -20.8954

Previews

White Background



This preview shows how the YUV color 36.8600, -4.3680, 0.9998 looks on a white background.

Color Contrast Check

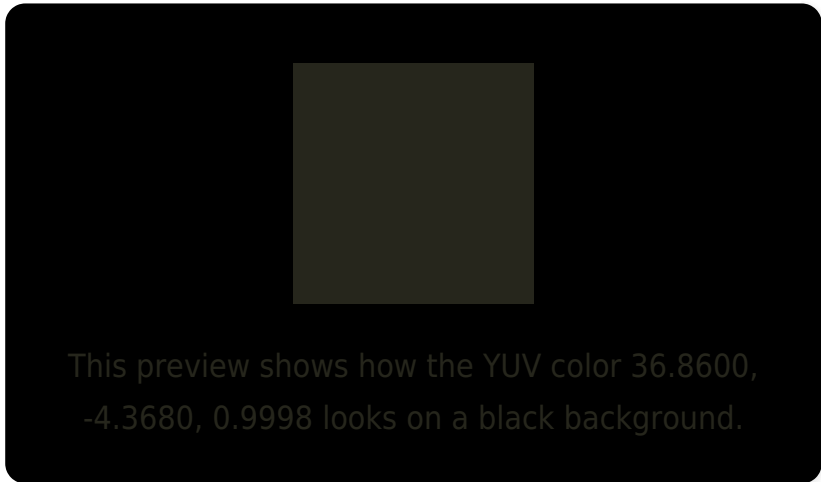
Large Text (above 18pt) WCAG AA ✓ Pass

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

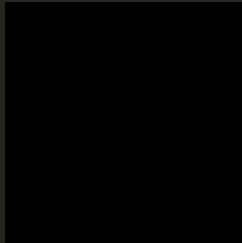
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8600, -4.3680, 0.9998

Background



This preview shows how black text looks on a background with the YUV color 36.8600, -4.3680, 0.9998.



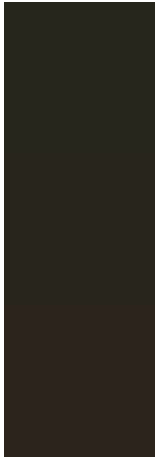
This preview shows how white text looks on a background with the YUV color 36.8600, -4.3680,

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

36.8600, -4.3680, 0.9998

Protanopia

36.8710, -4.3734, 2.7441

Deuteranopia

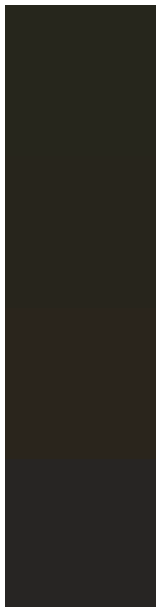
37.4800, -4.6736, 5.7180



Tritanopia

37.8260, 0.5788, 1.0296

Trichromacy



Original Color

36.8600, -4.3680, 0.9998

Protanomaly

36.5720, -4.2260, 2.1294

Deuteranomaly

37.4690, -4.6682, 3.9737

Tritanomaly

37.3700, -1.1684, 1.4295

Monochromacy



Original Color

36.8600, -4.3680, 0.9998

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8600, -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(38, 38, 28)` looks like.

```
.text, #text, p{  
    color:rgb(38, 38, 28)  
}
```

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(38, 38, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 38, 28) }
```

Border

The CSS property to change the border of an element to YUV 36.8600, -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(38, 38, 28) }
```


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

```
.border{ border-color:rgb(38, 38, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 38, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 38, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 38, 28);  
box-shadow:4px 4px 4px 4px rgb(38, 38, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8600, -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(38, 38, 28) }
```

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

```
.background{ background-color: rgb(38, 38,  
28) }
```

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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