

Converting Colors

YUV(38.3940, 29.3858, 1.4085)

Have a look what the booklet for
YUV(38.3940, 29.3858, 1.4085)
contains.

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Color

**YUV(38.3940, 29.3858,
1.4085)**

Conversions

Conversions Part 1

Format	Color
Hex	281A62
RGB	40, 26, 98
RGB Percent	16%, 10%, 38%
CMY	0.8431, 0.8980, 0.6157
CMYK	0.59, 0.73, 0.00, 0.62
HSL	252°, 58%, 24%
HSV	252°, 73%, 38%
XYZ	3.4491, 2.0717, 11.7734
YIQ	38.3940, -14.7680, 25.3600

Conversions

Conversions Part 2

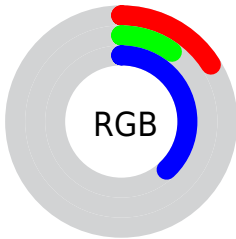
Format	Color
RYB	40, 26, 98
Decimal	2628194
CIELab	15.86, 28.21, -40.35
CIElCh	16, 49.235, 304.958
Yxy	2.0717, 0.1994, 0.1198
Android (android.graphics.Color)	4280818274 (0xFF281A62)
YUV	38.3940, 29.3858, 1.4085
Hunter-Lab	14.3936, 17.5845, -38.4214




Details

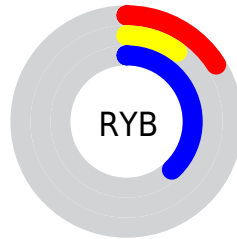
The YUV color **38.3940, 29.3858, 1.4085** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **85.6060, -29.3858, -1.4085**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **86.2850, 31.4115, 5.0121**, and **5.7000, 21.8399, -4.9989** is the 20% darker color. If you saturate the color by 10%, you get **30.1320, 33.4589, 1.6382**, and if you desaturate by 10%, it is **46.6560, 25.3126, 1.1787**.

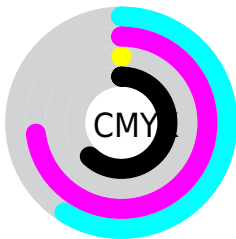
Distribution







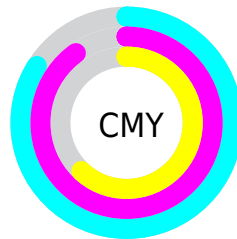
-  Red (16%)
-  Green (10%)
-  Blue (38%)






-  Red (16%)
-  Yellow (10%)
-  Blue (38%)



-  Cyan (59%)
-  Magenta (73%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (90%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3940, 29.3858, 1.4085 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 38.3940, 29.3858, 1.4085 by changing the saturation by 10% instead.

■ 38.3940, 29.3858,
1.4085

■ 38.3940, 29.3858,
1.4085

■ 255.0000, 0.0000,
0.0000

■ 13.7740, 29.6914,
-3.3098

■ 86.2850, 31.4115,
5.0121

■ 5.7000, 21.8399,
-4.9989

■ 111.5240, 32.2797,
6.5565

■ 4.3660, 11.6516,
-3.8290

■ 137.0510, 33.0059,
6.9713


■ 0.0000, 0.0000,
0.0000


■ 163.9910, 34.0214,
7.9009


■ 190.1330, 31.9794,
9.5304


■ 215.2400, 19.6017,


12.9445


 239.1510, 7.8136,
13.8996


 38.3940, 29.3858,
1.4085


 38.3940, 29.3858,
1.4085


 30.1320, 33.4589,
1.6382


 46.6560, 25.3126,
1.1787


 21.8700, 37.5321,
1.8680

 54.9180, 21.2394,
0.9489

 16.8530, 40.0055,
1.8829

 62.5930, 17.4557,
1.2339

 70.8550, 13.3825,
1.0042

 78.8180, 9.4567,
0.1596

■ 87.0800, 5.3836,
-0.0702

■ 95.3420, 1.3104,
-0.2999

■ 103.0170, -2.4734,
-0.0149

■ 111.2790, -6.5465,
-0.2447

Harmonies

Analogous

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



37.8950, 36.0408, -33.2339



38.3940, 29.3858, 1.4085



32.7970, 18.3411, 44.0280

Triad

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



38.3940, 29.3858, 1.4085



36.2030, -17.8481, 31.3940



36.2410, 4.3182, -31.7834

Complementary

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



38.3940, 29.3858, 1.4085



85.6060, -29.3858, -1.4085

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.



30.2790, -13.4485, -26.5547



38.3940, 29.3858, 1.4085



36.9350, -18.2090, 7.0730

Square

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



38.3940, 29.3858, 1.4085



27.5080, -13.5614, 56.5595



28.4750, -14.0382, -24.0956



40.1170, 19.1693, -35.1826

Rectangle

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



38.3940, 29.3858, 1.4085



33.7630, 6.5258, 53.7048



28.4750, -14.0382, -24.0956



34.7590, -1.3602, -30.4836

Sweetspot

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



38.3940, 29.3858, 1.4085



104.1000, 11.7827, 0.7893



68.8410, 14.3754, -37.5716



49.8350, 6.9833, 0.1447



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



38.3940, 29.3858, 1.4085



34.4600, 46.1152, 2.2276



48.8590, 24.2265, 22.9257



44.7550, 1.5998, 0.2149



19.3460, 45.6784, 2.3276



41.4130, 97.9034, 4.8998

Inverse Universe

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



54.1400, 14.7210, 38.4652



59.1610, 23.0916, 60.3718



75.1410, -24.2265, -22.9257



45.6520, 1.1576, 2.0592



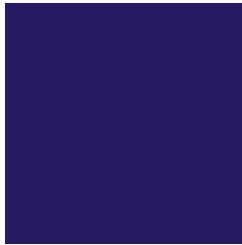
43.7480, 22.8022, 59.8570



93.7620, 48.9243, 128.2507

Previews

White Background



This preview shows how the YUV color 38.3940, 29.3858, 1.4085 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 38.3940, 29.3858, 1.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

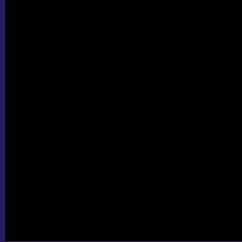
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.3940, 29.3858, 1.4085

Background



This preview shows how black text looks on a background with the YUV color 38.3940, 29.3858, 1.4085.



This preview shows how white text looks on a background with the YUV color 38.3940, 29.3858,

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

38.3940, 29.3858, 1.4085

Deuteranopia

32.0470, 18.7108, -28.1052

Tritanopia

36.5680, 5.1430, -16.2841

Trichromacy



Original Color

38.3940, 29.3858, 1.4085

Deuteranomaly

34.7370, 22.3147, -17.3093

Tritanomaly

37.0170, 14.2886, -9.6619

Monochromacy



Original Color

38.3940, 29.3858, 1.4085

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.4590, 10.6197, 0.4745

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3940, 29.3858, 1.4085 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(40, 26, 98)` looks like.

```
.text, #text, p{  
    color:rgb(40, 26, 98)  
}
```

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(40, 26, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 26, 98) }
```

Border

The CSS property to change the border of an element to YUV 38.3940, 29.3858, 1.4085 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(40, 26, 98) }
```

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

```
.border{ border-color:rgb(40, 26, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 26, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 26, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 26, 98);  
box-shadow:4px 4px 4px 4px rgb(40, 26, 98)  
}
```


Background

The CSS property to change the background color of an element to YUV 38.3940, 29.3858, 1.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 26, 98) }
```

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

```
.background{ background-color: rgb(40, 26,  
98) }
```

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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