

Converting Colors

YUV(40.6880, 26.7758, -1.4804)

Have a look what the booklet for
YUV(40.6880, 26.7758, -1.4804)
contains.

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Color

**YUV(40.6880, 26.7758,
-1.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	271F5F
RGB	39, 31, 95
RGB Percent	15%, 12%, 37%
CMY	0.8471, 0.8784, 0.6275
CMYK	0.59, 0.67, 0.00, 0.63
HSL	248°, 51%, 25%
HSV	248°, 67%, 37%
XYZ	3.3922, 2.2375, 11.0796
YIQ	40.6880, -15.7760, 21.6000

Conversions

Conversions Part 2

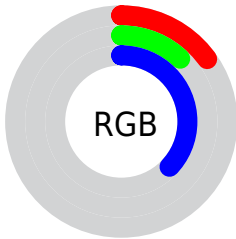
Format	Color
R_{YB}	39, 31, 95
Decimal	2563935
CIE _{Lab}	16.69, 23.73, -37.01
CIE _{LCh}	17, 43.967, 302.661
Yxy	2.2375, 0.2030, 0.1339
Android (android.graphics.Color)	4280754015 (0xFF271F5F)
YUV	40.6880, 26.7758, -1.4804
Hunter-Lab	14.9584, 14.3029, -33.4448




Details

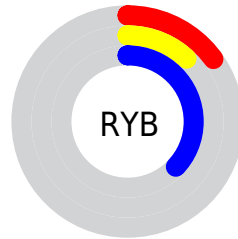
The YUV color **40.6880, 26.7758, -1.4804** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **85.3120, -26.7758, 1.4804**, and the grayscale version is **40.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **87.5790, 28.8016, 2.1232**, and **5.4720, 20.9663, -4.7989** is the 20% darker color. If you saturate the color by 10%, you get **33.0130, 30.5596, -1.7654**, and if you desaturate by 10%, it is **48.9500, 22.7027, -1.7101**.

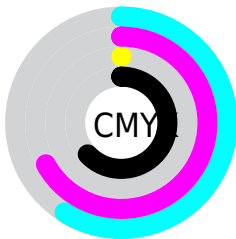
Distribution







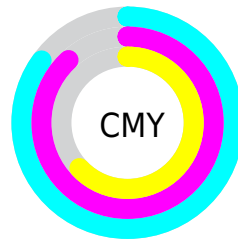
-  Red (15%)
-  Green (12%)
-  Blue (37%)






-  Red (15%)
-  Yellow (12%)
-  Blue (37%)



-  Cyan (59%)
-  Magenta (67%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (85%)
-  Magenta (88%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.6880, 26.7758, -1.4804 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 40.6880, 26.7758, -1.4804 by changing the saturation by 10% instead.

■ 40.6880, 26.7758,
-1.4804

■ 40.6880, 26.7758,
-1.4804

■ 255.0000, 0.0000,
0.0000

■ 16.9540, 26.6447,
-6.0987

■ 87.5790, 28.8016,
2.1232

■ 5.4720, 20.9663,
-4.7989

■ 113.1060, 29.5277,
2.5380

■ 3.5510, 11.0674,
-3.1142

■ 139.0460, 30.5433,
3.4677

■ 0.0000, 0.0000,
0.0000

■ 165.5730, 31.2695,
3.8825

■ 192.1710, 30.9747,
5.1120

■ 217.2780, 18.5969,

8.5262

242.0860, 6.3666,
11.3256

40.6880, 26.7758,
-1.4804

40.6880, 26.7758,
-1.4804

33.0130, 30.5596,
-1.7654

48.9500, 22.7027,
-1.7101

24.4520, 34.7802,
-2.1504

56.9240, 18.7715,
-0.8103

16.7770, 38.5639,
-2.4354

65.1860, 14.6983,
-1.0401

14.4180, 39.7269,
-2.1206

72.8610, 10.9145,
-0.7551

81.4220, 6.6940,
-0.3701

■ 89.0970, 2.9102,
-0.0851

■ 97.3590, -1.1630,
-0.3148

■ 105.3330, -5.0942,
0.5850

■ 113.5950, -9.1673,
0.3552

Harmonies

Analogous

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



38.3850, 32.8412, -33.6636



40.6880, 26.7758, -1.4804



34.6500, 17.9206, 38.8950

Triad

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



40.6880, 26.7758, -1.4804



37.9750, -18.7217, 31.5939



36.6000, 3.1552, -32.0982

Complementary

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



40.6880, 26.7758, -1.4804



85.3120, -26.7758, 1.4804

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.



31.3220, -11.9907, -27.4694



40.6880, 26.7758, -1.4804



39.0170, -19.2354, 9.6321

Square

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



40.6880, 26.7758, -1.4804



28.6540, -11.6614, 53.8004



32.9600, -16.2493, -14.8739



40.2480, 17.1327, -35.2975

Rectangle

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



40.6880, 26.7758, -1.4804



32.9090, 8.4259, 50.9458



32.9600, -16.2493, -14.8739



34.7590, -1.3602, -30.4836

Sweetspot

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



40.6880, 26.7758, -1.4804



101.6330, 10.0409, -0.5551



71.7550, 11.4598, -35.7421



48.8950, 5.9678, -0.7849



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



40.6880, 26.7758, -1.4804



38.1730, 41.3267, -1.9057



49.9570, 22.2062, 17.5777



44.4560, 1.7472, -0.3999



16.9540, 46.8577, -2.5907



36.3300, 100.4093, -5.5514

Inverse Universe

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



56.5200, 15.0266, 33.7470



62.5190, 23.4081, 52.1648



76.0430, -22.2062, -17.5777



45.6520, 1.1576, 2.0592



44.6600, 26.2966, 59.0572



95.7000, 56.3499, 126.5511

Previews

White Background



This preview shows how the YUV color 40.6880, 26.7758, -1.4804 looks on a white background.

Color Contrast Check

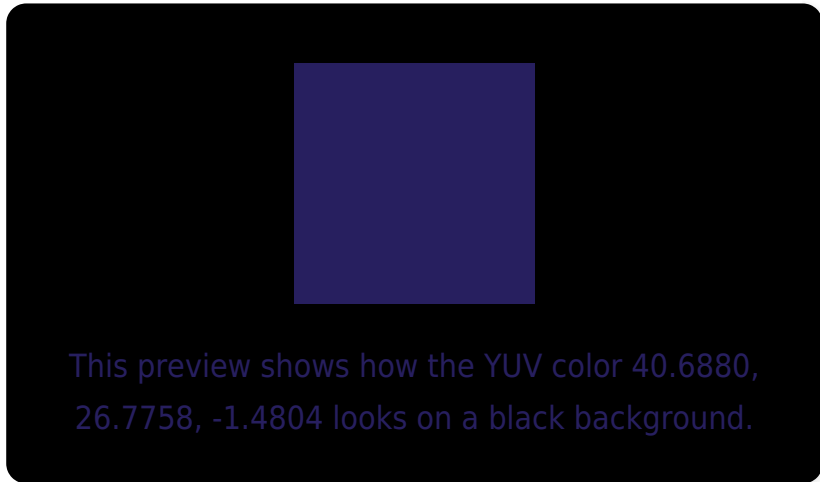
Large Text (above 18pt) WCAG AA ✓ Pass

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

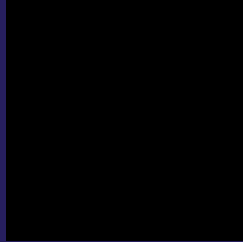
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.6880, 26.7758, -1.4804

Background



This preview shows how black text looks on a background with the YUV color 40.6880, 26.7758, -1.4804.



This preview shows how white text looks on a background with the YUV color 40.6880, 26.7758,

-1.4804.

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

40.6880, 26.7758, -1.4804

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

33.5630, 19.4424, -29.4348



Tritanopia

37.6820, 5.5798, -16.3841

Trichromacy



Original Color

40.6880, 26.7758, -1.4804

Protanomaly

36.0510, 26.1039, -19.3387

Deuteranomaly

36.3130, 22.0307, -19.5685

Tritanomaly

38.7780, 13.4204, -11.2063

Monochromacy



Original Color

40.6880, 26.7758, -1.4804

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.6330, 10.0409, -0.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.6880, 26.7758, -1.4804 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(39, 31, 95)` looks like.

```
.text, #text, p{  
    color:rgb(39, 31, 95)  
}
```

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(39, 31, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 31, 95) }
```

Border

The CSS property to change the border of an element to YUV 40.6880, 26.7758, -1.4804 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(39, 31, 95) }
```


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

```
.border{ border-color:rgb(39, 31, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 31, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 31, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 31, 95);  
box-shadow:4px 4px 4px 4px rgb(39, 31, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.6880, 26.7758, -1.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 31, 95) }
```

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

```
.background{ background-color: rgb(39, 31,  
95) }
```

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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