

Converting Colors

YUV(34.7910, 40.5290,
-26.1267)

Have a look what the booklet for
YUV(34.7910, 40.5290, -26.1267)
contains.

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Color

**YUV(34.7910, 40.5290,
-26.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	052275
RGB	5, 34, 117
RGB Percent	2%, 13%, 46%
CMY	0.9804, 0.8667, 0.5412
CMYK	0.96, 0.71, 0.00, 0.54
HSL	224°, 92%, 24%
HSV	224°, 96%, 46%
XYZ	3.8455, 2.4607, 17.1019
YIQ	34.7910, -43.9270, 19.6650

Conversions

Conversions Part 2

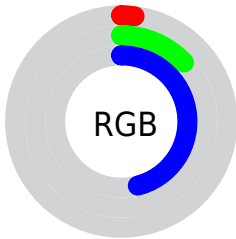
Format	Color
R _Y B	5, 28, 117
Decimal	336501
CIE Lab	17.74, 26.22, -49.74
CIE LCh	18, 56.225, 297.796
Yxy	2.4607, 0.1643, 0.1051
Android (android.graphics.Color)	4278526581 (0xFF052275)
YUV	34.7910, 40.5290, -26.1267
Hunter-Lab	15.6865, 16.3072, -53.6590

Details

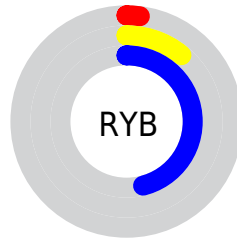
The YUV color **34.7910, 40.5290, -26.1267** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **87.2090, -40.5290, 26.1267**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1890, 40.3328, -9.8128**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **30.9480, 42.4236, -27.1414**, and if you desaturate by 10%, it is **43.6620, 36.1556, -23.3826**.

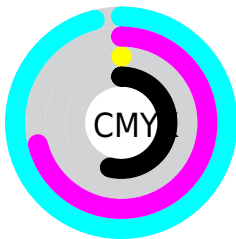
Distribution



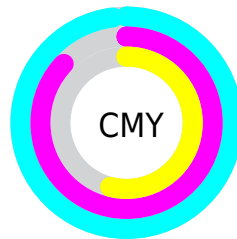
- Red (2%)
- Green (13%)
- Blue (46%)



- Red (2%)
- Yellow (11%)
- Blue (46%)



- Cyan (96%)
- Magenta (71%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (87%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.7910, 40.5290, -26.1267 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 34.7910, 40.5290, -26.1267 by changing the saturation by 10% instead.

■ 34.7910, 40.5290,
-26.1267

■ 34.7910, 40.5290,
-26.1267

■ 255.0000, 0.0000,
0.0000

■ 19.2930, 35.8446,
-16.9200

■ 88.1890, 40.3328,
-9.8128

■ 7.7520, 29.7023,
-6.7985

■ 113.8410, 41.4904,
-7.7536

■ 6.7770, 18.3509,
-5.9434

■ 140.0800, 42.3586,
-6.2092

■ 3.2090, 9.7570,
-2.8143

■ 167.0200, 43.3741,
-5.2795

■ 0.0000, 0.0000,
0.0000

■ 191.2410, 31.4332,
-1.9654

■ 216.3480, 19.0554,

1.4488

241.7540, 6.5303,
5.4777

34.7910, 40.5290,
-26.1267

34.7910, 40.5290,
-26.1267

30.9480, 42.4236,
-27.1414

43.6620, 36.1556,
-23.3826

51.6470, 32.2190,
-20.7384

60.5180, 27.8456,
-17.9943

69.3890, 23.4722,
-15.2502

77.6730, 19.3882,
-11.9912

■ 86.2450, 15.1622,
-9.8619

■ 95.1160, 10.7888,
-7.1177

■ 103.4000, 6.7048,
-3.8588

■ 111.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



44.4150, 40.7144, -38.9520



34.7910, 40.5290, -26.1267



35.7460, 25.7612, 44.0728

Triad

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



34.7910, 40.5290, -26.1267



37.1660, -18.3228, 43.7044



38.4920, 0.2504, -33.7575

Complementary

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



34.7910, 40.5290, -26.1267



87.2090, -40.5290, 26.1267

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.



32.8720, -16.2059, -28.8287



34.7910, 40.5290, -26.1267



41.1100, -20.2672, 13.9355

Square

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



34.7910, 40.5290, -26.1267



32.1500, -13.8779, 64.7664



33.8240, -16.6752, -18.2626



43.8670, 18.3066, -38.4714

Rectangle

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



34.7910, 40.5290, -26.1267



38.1640, 11.7511, 57.7382



33.8240, -16.6752, -18.2626



36.8960, -5.8647, -32.3578

Sweetspot

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



34.7910, 40.5290, -26.1267



120.4730, 16.0358, -10.0618



80.0920, 3.4056, -65.8557



57.1870, 9.7678, -6.3030



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



34.7910, 40.5290, -26.1267



40.9220, 55.2545, -35.8886



25.5420, 45.0888, 4.7867



54.2710, 2.3314, -1.1147



32.6920, 44.0288, -28.6709



66.6550, 90.3891, -58.4564

Inverse Universe

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



41.7940, -3.8424, 65.9557



50.3070, -5.0814, 90.0618



96.4580, -45.0888, -4.7867



54.9080, -0.4476, 3.5887



40.1260, -4.0061, 71.8035



82.1600, -8.4599, 147.1957

Previews

White Background



This preview shows how the YUV color 34.7910, 40.5290, -26.1267 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 34.7910, 40.5290, -26.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

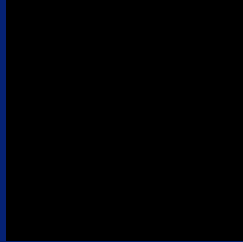
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7910, 40.5290, -26.1267

Background



This preview shows how black text looks on a background with the YUV color 34.7910, 40.5290, -26.1267.



This preview shows how white text looks on a background with the YUV color 34.7910, 40.5290,

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

34.7910, 40.5290, -26.1267

Protanopia

35.5010, 26.8680, -31.1344

Deuteranopia

35.7800, 20.3215, -31.3791



Tritanopia

34.6910, 8.5333, -30.4240

Trichromacy



Original Color

34.7910, 40.5290, -26.1267

Protanomaly

35.4780, 31.8093, -29.3602

Deuteranomaly

35.7400, 27.7362, -29.5900

Tritanomaly

35.0900, 20.1686, -29.0199

Monochromacy



Original Color

34.7910, 40.5290, -26.1267

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1310, 14.7254, -9.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7910, 40.5290, -26.1267 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(5, 34, 117)` looks like.

```
.text, #text, p{  
    color:rgb(5, 34, 117)  
}
```

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(5, 34, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 34, 117) }
```

Border

The CSS property to change the border of an element to YUV 34.7910, 40.5290, -26.1267 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(5, 34, 117) }
```


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

```
.border{ border-color:rgb(5, 34, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 34, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 34, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 34, 117);  
box-shadow:4px 4px 4px 4px rgb(5, 34, 117)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.7910, 40.5290, -26.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 34, 117) }
```

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

```
.background{ background-color: rgb(5, 34,  
117) }
```

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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