

Converting Colors

YUV(47.8700, 47.3921,
-34.0890)

Have a look what the booklet for
YUV(47.8700, 47.3921, -34.0890)
contains.

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Color

**YUV(47.8700, 47.3921,
-34.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	093190
RGB	9, 49, 144
RGB Percent	4%, 19%, 56%
CMY	0.9647, 0.8078, 0.4353
CMYK	0.94, 0.66, 0.00, 0.44
HSL	222°, 88%, 30%
HSV	222°, 94%, 56%
XYZ	6.2450, 4.2683, 26.8803
YIQ	47.8700, -54.3350, 21.0650

Conversions

Conversions Part 2

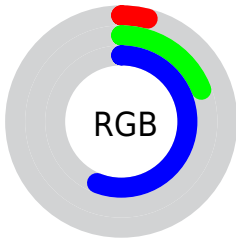
Format	Color
R_{YB}	9, 40, 144
Decimal	602512
CIE _{Lab}	24.54, 27.02, -55.57
CIE _{LCh}	25, 61.791, 295.932
Yxy	4.2683, 0.1670, 0.1141
Android (android.graphics.Color)	4278792592 (0xFF093190)
YUV	47.8700, 47.3921, -34.0890
Hunter-Lab	20.6599, 17.8016, -62.6793

Details

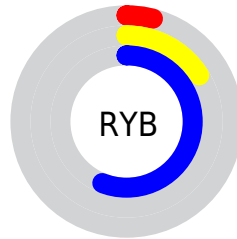
The YUV color **47.8700, 47.3921, -34.0890** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **105.1300, -47.3921, 34.0890**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1650, 46.7537, -15.9307**, and **15.1840, 37.8703, -13.3164** is the 20% darker color. If you saturate the color by 10%, you get **41.6570, 50.4551, -36.5332**, and if you desaturate by 10%, it is **57.9260, 42.4345, -30.6301**.

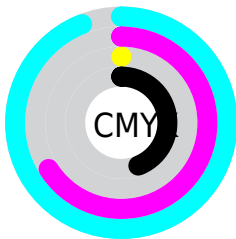
Distribution



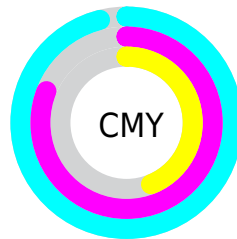
- Red (4%)
- Green (19%)
- Blue (56%)



- Red (4%)
- Yellow (16%)
- Blue (56%)



- Cyan (94%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8700, 47.3921, -34.0890 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 47.8700, 47.3921, -34.0890 by changing the saturation by 10% instead.

■ 47.8700, 47.3921,
-34.0890

■ 47.8700, 47.3921,
-34.0890

■ 255.0000, 0.0000,
0.0000

■ 30.4750, 43.1498,
-26.7266

■ 104.1650, 46.7537,
-15.9307

■ 15.1840, 37.8703,
-13.3164

■ 130.1160, 47.7638,
-13.2567

■ 10.6870, 28.2553,
-9.3725

■ 157.2410, 48.1952,
-11.6124

■ 6.8910, 18.7877,
-6.0434

■ 181.7610, 36.1068,
-7.6834

■ 3.2090, 9.7570,
-2.8143

■ 206.2810, 24.0185,
-3.7544

■ 0.0000, 0.0000,
0.0000

■ 231.3880, 11.6407,

-0.3403

■ 47.8700, 47.3921,
-34.0890

■ 47.8700, 47.3921,
-34.0890

■ 41.6570, 50.4551,
-36.5332

■ 57.9260, 42.4345,
-30.6301

■ 68.2810, 37.3295,
-26.5564

■ 78.3370, 32.3719,
-23.0975

■ 89.2790, 26.9775,
-19.5387

■ 99.3350, 22.0198,
-16.0798

■ 109.3910, 17.0622,
-12.6209

■ 119.7460, 11.9572,
-8.5472

■ 129.8020, 6.9996,
-5.0884

■ 140.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



56.7710, 47.4409, -49.7882



47.8700, 47.3921, -34.0890



46.9840, 31.5599, 50.8800

Triad

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



47.8700, 47.3921, -34.0890



50.2120, -24.7545, 53.3111



49.7250, 0.1356, -43.6088

Complementary

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



47.8700, 47.3921, -34.0890



105.1300, -47.3921, 34.0890

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.



42.8510, -21.1255, -37.5803



47.8700, 47.3921, -34.0890



55.6070, -27.4143, 19.6387

Square

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



47.8700, 47.3921, -34.0890



41.9760, -9.8482, 78.9510



48.5980, -23.9588, -15.4334



55.7840, 20.8125, -48.9226

Rectangle

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



47.8700, 47.3921, -34.0890



47.3210, 17.0967, 69.8785



48.5980, -23.9588, -15.4334



47.9010, -6.8532, -42.0092

Sweetspot

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



47.8700, 47.3921, -34.0890



148.7330, 18.3726, -12.9208



99.0750, 2.4280, -78.9958



71.5180, 11.0836, -8.3473



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



47.8700, 47.3921, -34.0890



53.4890, 65.3279, -46.9099



32.4630, 54.9877, 3.1019



65.9720, 2.4788, -1.7294



38.8700, 47.3921, -34.0890



2.0860, 2.9156, -1.8294

Inverse Universe

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



53.9250, -2.4280, 78.9958



61.8840, -3.3938, 108.8497



120.5370, -54.9877, -3.1019



66.3210, -0.1583, 4.1035



44.9250, -2.4280, 78.9958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 47.8700, 47.3921, -34.0890 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 47.8700, 47.3921, -34.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

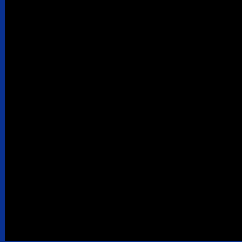
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8700, 47.3921, -34.0890

Background



This preview shows how black text looks on a background with the YUV color 47.8700, 47.3921, -34.0890.



This preview shows how white text looks on a background with the YUV color 47.8700, 47.3921,

-34.0890.

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

47.8700, 47.3921, -34.0890

Protanopia

47.0250, 35.4837, -41.2409

Deuteranopia

46.8480, 27.1899, -41.0857



Tritanopia

46.0210, 11.3286, -40.3604

Trichromacy



Original Color

47.8700, 47.3921, -34.0890

Protanomaly

47.1870, 39.8408, -38.7520

Deuteranomaly

47.1070, 34.4572, -38.6818

Tritanomaly

46.4740, 24.4163, -38.1267

Monochromacy



Original Color

47.8700, 47.3921, -34.0890

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8040, 17.3516, -12.1061

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8700, 47.3921, -34.0890 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(9, 49, 144)` looks like.

```
.text, #text, p{  
    color:rgb(9, 49, 144)  
}
```

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(9, 49, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 49, 144) }
```

Border

The CSS property to change the border of an element to YUV 47.8700, 47.3921, -34.0890 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(9, 49, 144) }
```


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

```
.border{ border-color:rgb(9, 49, 144) }
```

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

Here you see how a box with a 4 pixel rgb(9, 49, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 49, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 49, 144);  
box-shadow:4px 4px 4px 4px rgb(9, 49, 144)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8700, 47.3921, -34.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 49, 144) }
```

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

```
.background{ background-color: rgb(9, 49,  
144) }
```

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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