

Converting Colors

YUV(34.5860, 48.5181, 24.9191)

Have a look what the booklet for
YUV(34.5860, 48.5181, 24.9191)
contains.

YUV(34.5860, 48.5181, 24.9191)	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(34.5860, 48.5181,
24.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0185
RGB	63, 1, 133
RGB Percent	25%, 0%, 52%
CMY	0.7529, 0.9961, 0.4784
CMYK	0.53, 0.99, 0.00, 0.48
HSL	268°, 99%, 26%
HSV	268°, 99%, 52%
XYZ	6.2944, 2.7719, 22.3936
YIQ	34.5860, -5.4200, 54.1960

Conversions

Conversions Part 2

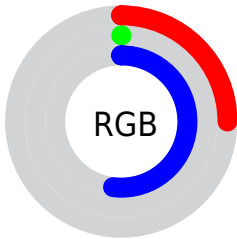
Format	Color
RYB	63, 1, 133
Decimal	4129157
CIELab	19.11, 50.97, -57.53
CIELCh	19, 76.859, 311.542
Yxy	2.7719, 0.2001, 0.0881
Android (android.graphics.Color)	4282319237 (0xFF3F0185)
YUV	34.5860, 48.5181, 24.9191
Hunter-Lab	16.6491, 38.3481, -68.0926

Details

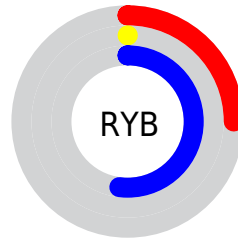
The YUV color **34.5860, 48.5181, 24.9191** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **99.4140, -48.5181, -24.9191**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.5320, 47.0657, 24.0894**, and **9.3480, 35.8174, -8.1982** is the 20% darker color. If you saturate the color by 10%, you get **33.7000, 48.9549, 24.8191**, and if you desaturate by 10%, it is **44.3100, 43.7242, 22.5301**.

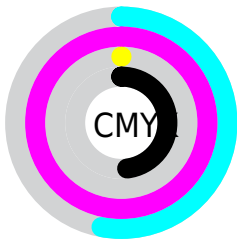
Distribution



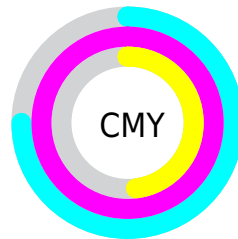
- Red (25%)
- Green (0%)
- Blue (52%)



- Red (25%)
- Yellow (0%)
- Blue (52%)



- Cyan (53%)
- Magenta (99%)
- Yellow (0%)
- Black (48%)



- Cyan (75%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.5860, 48.5181, 24.9191 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 34.5860, 48.5181, 24.9191 by changing the saturation by 10% instead.

■ 34.5860, 48.5181,
24.9191

■ 34.5860, 48.5181,
24.9191

■ 252.0650, 1.4470,
2.5740

■ 21.7660, 42.0204,
8.9752

■ 91.5320, 47.0657,
24.0894

■ 9.3480, 35.8174,
-8.1982

■ 118.7710, 47.9339,
25.6338

■ 7.7860, 24.7555,
-6.8283

■ 145.5970, 48.5127,
26.6634

■ 5.1640, 14.7091,
-4.5288

■ 170.7840, 41.5185,
30.0074

■ 1.1400, 4.3680,
-0.9998


■ 196.1900, 28.9933,
34.0364


■ 0.0000, 0.0000,
0.0000


■ 218.0190, 18.2316,


32.4323


 235.0420, 9.8393,
17.5032


 34.5860, 48.5181,
24.9191


 34.5860, 48.5181,
24.9191


 33.7000, 48.9549,
24.8191

 44.3100, 43.7242,
22.5301

 54.6210, 38.6408,
19.6264

 64.3450, 33.8469,
17.2374

 74.0690, 29.0530,
14.8485

 84.3800, 23.9697,
11.9447

■ 94.1040, 19.1757,
9.5558

■ 103.8280, 14.3818,
7.1668

■ 113.5520, 9.5879,
4.7779

■ 123.8630, 4.5045,
1.8741

Harmonies

Analogous

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



47.7040, 55.8549, -41.8364



34.5860, 48.5181, 24.9191



45.9400, 18.2706, 66.7046

Triad

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



34.5860, 48.5181, 24.9191



42.4380, -20.9219, 37.3269



45.9070, 10.8918, -40.2604

Complementary

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



34.5860, 48.5181, 24.9191



99.4140, -48.5181, -24.9191

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.



37.3230, -16.9212, -32.7323



34.5860, 48.5181, 24.9191



41.2990, -20.3604, -2.8932

Square

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



34.5860, 48.5181, 24.9191



35.2820, -17.3940, 72.5437



35.2200, -17.3635, -30.8879



52.6500, 34.1895, -46.1741

Rectangle

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



34.5860, 48.5181, 24.9191



45.1250, 0.9244, 77.0664



35.2200, -17.3635, -30.8879



43.6270, 2.1559, -38.2609

Sweetspot

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



34.5860, 48.5181, 24.9191



134.4030, 19.0283, 10.1706



57.1380, 37.4000, -49.2330



63.1330, 11.7664, 6.0224



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



34.5860, 48.5181, 24.9191



43.9410, 63.6261, 32.5007



54.3200, 38.7892, 65.4944



61.5810, 2.1786, 1.2445



33.0590, 47.7919, 24.5043



0.6410, 1.1630, 0.3148

Inverse Universe

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



48.4480, 11.1181, 74.1521



62.2150, 14.6840, 97.1584



79.6800, -38.7892, -65.4944



62.1360, 0.4260, 3.3887



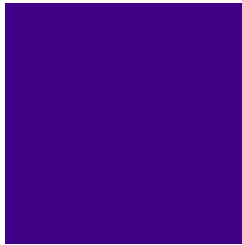
46.7360, 10.9762, 73.0225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 34.5860, 48.5181, 24.9191 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 34.5860, 48.5181, 24.9191

Background



This preview shows how black text looks on a background with the YUV color 34.5860, 48.5181, 24.9191.



This preview shows how white text looks on a background with the YUV color 34.5860, 48.5181,

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

34.5860, 48.5181, 24.9191

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

39.7410, 22.8057, -34.8529



Tritanopia

48.5690, 3.6635, -8.3920

Trichromacy



Original Color

34.5860, 48.5181, 24.9191

Protanomaly

37.9560, 36.9967, -13.1164

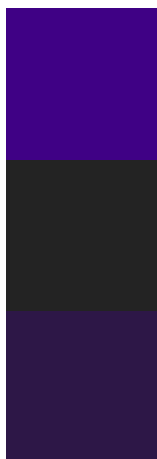
Deuteranomaly

37.9900, 32.0499, -13.1462

Tritanomaly

43.2990, 20.0656, 4.1228

Monochromacy



Original Color

34.5860, 48.5181, 24.9191

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0500, 17.7233, 8.7262

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.5860, 48.5181, 24.9191 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(63, 1, 133)` looks like.

```
.text, #text, p{  
    color:rgb(63, 1, 133)  
}
```

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(63, 1, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 1, 133) }
```

Border

The CSS property to change the border of an element to YUV 34.5860, 48.5181, 24.9191 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(63, 1, 133) }
```


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

```
.border{ border-color:rgb(63, 1, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 1, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 1, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 1, 133);  
box-shadow:4px 4px 4px 4px rgb(63, 1, 133)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.5860, 48.5181, 24.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 1, 133) }
```

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

```
.background{ background-color: rgb(63, 1,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor