

Converting Colors

YUV(48.9850, 60.1534, 26.3232)

Have a look what the booklet for
YUV(48.9850, 60.1534, 26.3232)
contains.

YUV(48.9850, 60.1534, 26.3232)	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(48.9850, 60.1534,
26.3232)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0AAB
RGB	79, 10, 171
RGB Percent	31%, 4%, 67%
CMY	0.6902, 0.9608, 0.3294
CMYK	0.54, 0.94, 0.00, 0.33
HSL	266°, 89%, 35%
HSV	266°, 94%, 67%
XYZ	10.6837, 4.8196, 38.8953
YIQ	48.9850, -10.5570, 64.6990

Conversions

Conversions Part 2

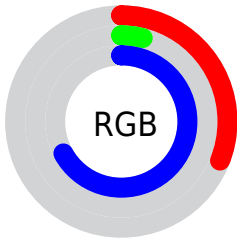
Format	Color
RYB	79, 10, 171
Decimal	5180075
CIELab	26.21, 59.34, -69.12
CIElCh	26, 91.104, 310.646
Yxy	4.8196, 0.1964, 0.0886
Android (android.graphics.Color)	4283370155 (0xFF4F0AAB)
YUV	48.9850, 60.1534, 26.3232
Hunter-Lab	21.9536, 48.4477, -89.6766

Details

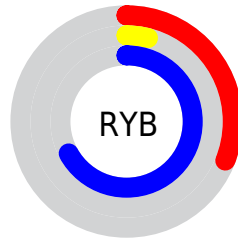
The YUV color **48.9850, 60.1534, 26.3232** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **132.0150, -60.1534, -26.3232**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3440, 58.9904, 26.0083**, and **13.3380, 51.1054, -11.6974** is the 20% darker color. If you saturate the color by 10%, you get **41.3210, 63.9317, 27.7825**, and if you desaturate by 10%, it is **61.9540, 53.7597, 23.7193**.

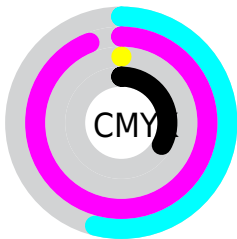
Distribution



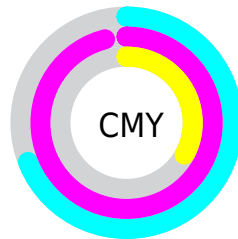
- Red (31%)
- Green (4%)
- Blue (67%)



- Red (31%)
- Yellow (4%)
- Blue (67%)



- Cyan (54%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (96%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9850, 60.1534, 26.3232 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 48.9850, 60.1534, 26.3232 by changing the saturation by 10% instead.

48.9850, 60.1534,
26.3232

48.9850, 60.1534,
26.3232

255.0000, 0.0000,
0.0000

30.1700, 56.1182,
13.8829

108.3440, 58.9904,
26.0083

13.3380, 51.1054,
-11.6974

136.2410, 58.5482,
27.8526

10.4880, 40.1854,
-9.1980

160.1740, 46.7492,
32.2964

11.7470, 27.2397,
-10.3021

184.9930, 34.5135,
36.8401

6.7770, 18.3509,
-5.9434

209.8010, 22.2831,
39.6395

3.0950, 9.3202,
-2.7143

226.8240, 13.8908,


0.0000, 0.0000,


24.7104


0.0000


 243.2600, 5.7878,
10.2960


 48.9850, 60.1534,
26.3232


 48.9850, 60.1534,
26.3232


 41.3210, 63.9317,
27.7825

 61.9540, 53.7597,
23.7193

 74.9230, 47.3660,
21.1155

 87.5930, 41.1197,
17.8969

 100.5620, 34.7259,
15.2931

 113.5310, 28.3322,
12.6893

■ 127.0870, 21.6491,
9.5707

■ 139.7570, 15.4028,
6.3521

■ 152.7260, 9.0091,
3.7483

■ 165.6950, 2.6154,
1.1445

Harmonies

Analogous

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



62.6990, 70.1544, -54.9870



48.9850, 60.1534, 26.3232



58.8850, 25.1997, 84.2929

Triad

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



48.9850, 60.1534, 26.3232



56.3810, -27.7958, 48.7779



59.1120, 13.2558, -51.8412

Complementary

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



48.9850, 60.1534, 26.3232



132.0150, -60.1534, -26.3232

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.



48.7040, -21.5461, -42.7134



48.9850, 60.1534, 26.3232



56.0620, -27.6386, -1.8084

Square

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



48.9850, 60.1534, 26.3232



45.4480, -22.4059, 93.4461



45.7860, -22.5725, -40.1543



68.0380, 42.3793, -59.6693

Rectangle

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



48.9850, 60.1534, 26.3232



58.1260, 2.8959, 98.1135



45.7860, -22.5725, -40.1543



55.7890, 3.0620, -48.9270

Sweetspot

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



48.9850, 60.1534, 26.3232



174.8420, 23.2489, 9.7856



83.5320, 43.1217, -64.4876



83.1160, 14.2398, 6.0373



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



48.9850, 60.1534, 26.3232



53.7130, 82.9655, 36.2087



72.6060, 48.5082, 74.8905



80.2220, 3.3416, 1.5593



36.2360, 56.0857, 24.3490



5.6120, 8.5723, 3.8483

Inverse Universe

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



68.6270, 16.4529, 89.7811



80.8560, 22.7490, 123.7833



108.3940, -48.5082, -74.8905



81.2610, 0.8573, 5.0331



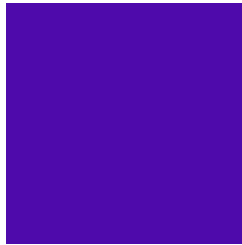
54.6540, 15.4536, 83.6184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 48.9850, 60.1534, 26.3232 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

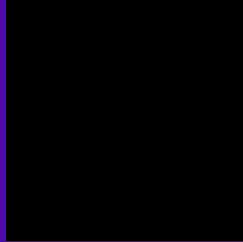
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.9850, 60.1534, 26.3232

Background



This preview shows how black text looks on a background with the YUV color 48.9850, 60.1534, 26.3232.



This preview shows how white text looks on a background with the YUV color 48.9850, 60.1534,

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

48.9850, 60.1534, 26.3232

Protanopia

51.1000, 38.4047, -44.8147

Deuteranopia

51.2820, 28.9480, -44.9743



Tritanopia

61.5900, 5.1321, -12.7954

Trichromacy



Original Color

48.9850, 60.1534, 26.3232

Protanomaly

50.3280, 46.1803, -18.7047

Deuteranomaly

50.7210, 40.0705, -19.0493

Tritanomaly

56.9550, 25.1652, 1.7935

Monochromacy



Original Color

48.9850, 60.1534, 26.3232

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0870, 21.6491, 9.5707

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9850, 60.1534, 26.3232 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(79, 10, 171)` looks like.

```
.text, #text, p{  
    color:rgb(79, 10, 171)  
}
```

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(79, 10, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 10, 171) }
```

Border

The CSS property to change the border of an element to YUV 48.9850, 60.1534, 26.3232 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(79, 10, 171) }
```


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

```
.border{ border-color:rgb(79, 10, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 10, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 10, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 10, 171);  
box-shadow:4px 4px 4px 4px rgb(79, 10,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 48.9850, 60.1534, 26.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 10, 171) }
```

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

```
.background{ background-color: rgb(79, 10,  
171) }
```

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