

Converting Colors

YUV(49.5330, 35.2332, -7.4834)

Have a look what the booklet for
YUV(49.5330, 35.2332, -7.4834)
contains.

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Color

**YUV(49.5330, 35.2332,
-7.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	292879
RGB	41, 40, 121
RGB Percent	16%, 16%, 47%
CMY	0.8392, 0.8431, 0.5255
CMYK	0.66, 0.67, 0.00, 0.53
HSL	241°, 50%, 32%
HSV	241°, 67%, 47%
XYZ	5.1244, 3.3695, 18.4694
YIQ	49.5330, -25.4050, 25.4030

Conversions

Conversions Part 2

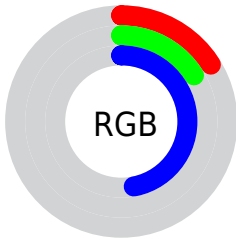
Format	Color
R_{YB}	41, 40, 121
Decimal	2697337
CIE _{Lab}	21.47, 27.39, -46.11
CIE _{LCh}	21, 53.637, 300.712
Yxy	3.3695, 0.1901, 0.1250
Android (android.graphics.Color)	4280887417 (0xFF292879)
YUV	49.5330, 35.2332, -7.4834
Hunter-Lab	18.3561, 17.7081, -46.8067

Details

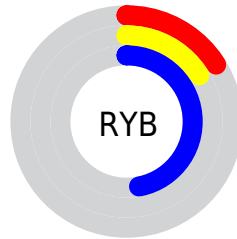
The YUV color **49.5330, 35.2332, -7.4834** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **111.4670, -35.2332, 7.4834**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3210, 36.8167, -2.0355**, and **8.0940, 31.0127, -7.0984** is the 20% darker color. If you saturate the color by 10%, you get **38.9010, 40.4748, -8.6832**, and if you desaturate by 10%, it is **60.1650, 29.9917, -6.2837**.

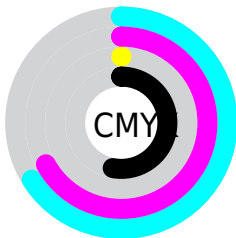
Distribution



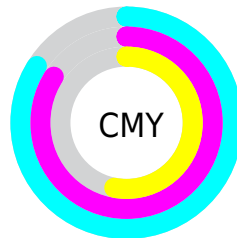
- Red (16%)
- Green (16%)
- Blue (47%)



- Red (16%)
- Yellow (16%)
- Blue (47%)



- Cyan (66%)
- Magenta (67%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (84%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.5330, 35.2332, -7.4834 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 49.5330, 35.2332, -7.4834 by changing the saturation by 10% instead.

■ 49.5330, 35.2332,
-7.4834

■ 49.5330, 35.2332,
-7.4834

■ 255.0000, 0.0000,
0.0000

■ 22.6950, 36.1394,
-18.1495

■ 99.3210, 36.8167,
-2.0355

■ 8.0940, 31.0127,
-7.0984

■ 124.6740, 38.1217,
-0.5911

■ 7.8200, 19.8087,
-6.8581

■ 150.6140, 39.1373,
0.3385

■ 3.5510, 11.0674,
-3.1142

■ 177.6850, 38.1163,
1.1533

■ 0.0000, 0.0000,
0.0000

■ 202.2050, 26.0279,
5.0822

■ 227.3120, 13.6502,

8.4964

249.1300, 2.8939,
5.1480

49.5330, 35.2332,
-7.4834

49.5330, 35.2332,
-7.4834

38.9010, 40.4748,
-8.6832

60.1650, 29.9917,
-6.2837

28.2690, 45.7164,
-9.8829

70.7970, 24.7501,
-5.0840

17.6370, 50.9580,
-11.0826

81.4290, 19.5085,
-3.8842

14.0930, 52.7052,
-11.4826

92.0610, 14.2669,
-2.6845

102.6930, 9.0254,
-1.4848

■ 113.9120, 3.4944,
-0.7998

■ 124.5440, -1.7472,
0.3999

■ 135.1760, -6.9888,
1.5996

■ 145.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



48.6210, 41.5988, -42.6406



49.5330, 35.2332, -7.4834



41.1380, 24.5820, 48.9910

Triad

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



49.5330, 35.2332, -7.4834



46.8900, -23.1168, 41.3155



45.1430, 2.8875, -39.5904

Complementary

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



49.5330, 35.2332, -7.4834



111.4670, -35.2332, 7.4834

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.



38.8390, -16.1896, -34.0618



49.5330, 35.2332, -7.4834



49.0730, -24.1930, 13.0910

Square

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



49.5330, 35.2332, -7.4834



35.2690, -10.9786, 68.1701



41.4990, -20.4590, -17.9776



49.7030, 20.3594, -43.5895

Rectangle

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



49.5330, 35.2332, -7.4834



41.3110, 12.1717, 62.8713



41.4990, -20.4590, -17.9776



42.9600, -2.9383, -37.6759

Sweetspot

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



49.5330, 35.2332, -7.4834



129.9470, 13.8301, -2.5845



96.7810, 11.9400, -49.7969



62.1660, 8.2992, -1.8996



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



49.5330, 35.2332, -7.4834



46.6630, 54.8891, -11.9825



61.1940, 29.4844, 16.4929



55.6840, 2.6208, -0.5999



14.8480, 54.3049, -11.2677



29.6250, 109.6309, -23.3501

Inverse Universe

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



73.3390, 23.0039, 41.7987



83.9240, 36.0265, 64.9647



99.5070, -29.3370, -17.1076



57.4780, 1.7363, 3.0888



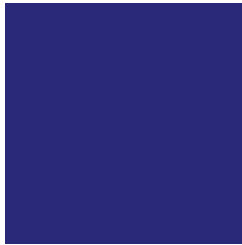
51.3970, 35.3003, 64.5498



103.7340, 71.6161, 130.0293

Previews

White Background



This preview shows how the YUV color 49.5330, 35.2332, -7.4834 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 49.5330, 35.2332, -7.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

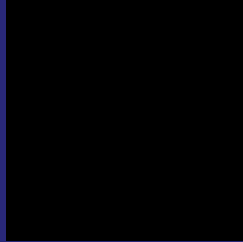
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.5330, 35.2332, -7.4834

Background



This preview shows how black text looks on a background with the YUV color 49.5330, 35.2332, -7.4834.



This preview shows how white text looks on a background with the YUV color 49.5330, 35.2332, -7.4834.

-7.4834.

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

49.5330, 35.2332, -7.4834

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

41.3710, 23.9741, -36.2824



Tritanopia

40.5270, 10.5862, -35.5422

Trichromacy



Original Color

49.5330, 35.2332, -7.4834

Protanomaly

44.1410, 32.9615, -25.5567

Deuteranomaly

44.1750, 28.0147, -25.5865

Tritanomaly

43.8840, 19.2842, -25.3313

Monochromacy



Original Color

49.5330, 35.2332, -7.4834

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.7190, 12.9565, -2.3846

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.5330, 35.2332, -7.4834 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(41, 40, 121)` looks like.

```
.text, #text, p{  
    color:rgb(41, 40, 121)  
}
```

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(41, 40, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 40, 121) }
```

Border

The CSS property to change the border of an element to YUV 49.5330, 35.2332, -7.4834 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(41, 40, 121) }
```


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

```
.border{ border-color:rgb(41, 40, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 40, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 40, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 40, 121);  
box-shadow:4px 4px 4px 4px rgb(41, 40,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 49.5330, 35.2332, -7.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 40, 121) }
```

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

```
.background{ background-color: rgb(41, 40,  
121) }
```

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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