

Converting Colors

YUV(49.3190, 43.2267, -4.6648)

Have a look what the booklet for
YUV(49.3190, 43.2267, -4.6648)
contains.

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Color

**YUV(49.3190, 43.2267,
-4.6648)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2389
RGB	44, 35, 137
RGB Percent	17%, 14%, 54%
CMY	0.8275, 0.8627, 0.4627
CMYK	0.68, 0.74, 0.00, 0.46
HSL	245°, 59%, 34%
HSV	245°, 74%, 54%
XYZ	6.1551, 3.5437, 24.0265
YIQ	49.3190, -27.3780, 33.6300

Conversions

Conversions Part 2

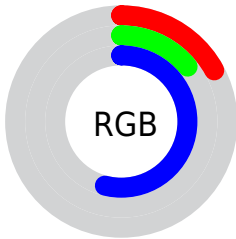
Format	Color
R_{YB}	44, 35, 137
Decimal	2892681
CIE _{Lab}	22.10, 36.56, -55.17
CIE _{LCh}	22, 66.178, 303.531
Yxy	3.5437, 0.1825, 0.1051
Android (android.graphics.Color)	4281082761 (0xFF2C2389)
YUV	49.3190, 43.2267, -4.6648
Hunter-Lab	18.8247, 25.4209, -62.4964

Details

The YUV color **49.3190, 43.2267, -4.6648** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **122.6810, -43.2267, 4.6648**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1180, 44.8048, 2.5275**, and **9.8040, 37.5646, -8.5981** is the 20% darker color. If you saturate the color by 10%, you get **37.5130, 49.0471, -4.8349**, and if you desaturate by 10%, it is **61.1250, 37.4064, -4.4946**.

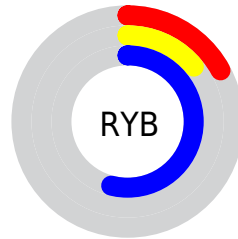
Distribution



Red (17%)

Green (14%)

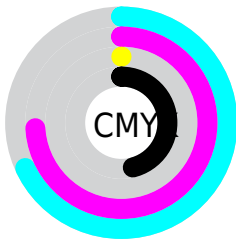
Blue (54%)



Red (17%)

Yellow (14%)

Blue (54%)

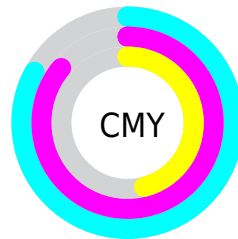


Cyan (68%)

Magenta (74%)

Yellow (0%)

Black (46%)



Cyan (83%)

Magenta (86%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.3190, 43.2267, -4.6648 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 49.3190, 43.2267, -4.6648 by changing the saturation by 10% instead.

■ 49.3190, 43.2267,
-4.6648

■ 49.3190, 43.2267,
-4.6648

■ 255.0000, 0.0000,
0.0000

■ 20.2850, 44.7225,
-17.7899

■ 100.1180, 44.8048,
2.5275

■ 9.8040, 37.5646,
-8.5981

■ 126.4710, 46.1098,
3.9719

■ 9.4160, 25.9239,
-8.2578

■ 152.8240, 47.4148,
5.4164

■ 6.2070, 16.1669,
-5.4435

■ 178.0280, 37.9472,
8.7454

■ 2.4110, 6.6994,
-2.1144

■ 202.5480, 25.8588,
12.6744

■ 0.0000, 0.0000,
0.0000

■ 227.9540, 13.3337,

16.7033

246.7820, 4.0515,
7.2072

49.3190, 43.2267,
-4.6648

49.3190, 43.2267,
-4.6648

37.5130, 49.0471,
-4.8349

61.1250, 37.4064,
-4.4946

25.9950, 54.7255,
-6.1346

72.6430, 31.7280,
-3.1949

19.2060, 58.0724,
-6.3197

84.4490, 25.9076,
-3.0248

96.5540, 19.9399,
-2.2399

108.3600, 14.1195,
-2.0697

■ 119.8780, 8.4411,
-0.7700

■ 131.6840, 2.6208,
-0.5999

■ 143.7890, -3.3470,
0.1850

■ 155.0080, -8.8779,
0.8700

Harmonies

Analogous

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



52.1890, 50.1928, -45.7698



49.3190, 43.2267, -4.6648



44.6600, 26.2966, 59.0572

Triad

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



49.3190, 43.2267, -4.6648



47.2110, -23.2750, 45.4190



47.7020, 5.0769, -41.8347

Complementary

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



49.3190, 43.2267, -4.6648



122.6810, -43.2267, 4.6648

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.



39.9160, -19.6786, -35.0063



49.3190, 43.2267, -4.6648



49.3500, -24.3295, 10.2171

Square

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



49.3190, 43.2267, -4.6648



37.3750, -18.4259, 76.8471



37.5680, -18.5210, -32.9471



53.8750, 26.1906, -47.2484

Rectangle

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



49.3190, 43.2267, -4.6648



46.0950, 9.8132, 72.7077



37.5680, -18.5210, -32.9471



45.6500, -2.7854, -40.0350

Sweetspot

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



49.3190, 43.2267, -4.6648



144.7560, 16.8823, -1.5400



101.8060, 17.3506, -58.5889



69.2200, 9.7515, -1.0699



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



49.3190, 43.2267, -4.6648



42.3120, 67.3872, -7.2896



64.2690, 35.8564, 26.0741



63.0970, 2.9102, -0.0851



18.7500, 56.3252, -5.9197



0.5700, 2.1840, -0.4999

Inverse Universe

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



76.1000, 25.5867, 53.4093



83.9570, 39.4612, 83.3527



107.4320, -35.7090, -26.6889



64.7770, 1.5889, 3.7036



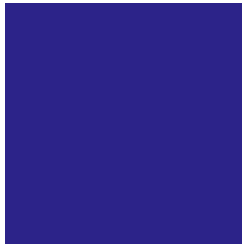
53.5610, 33.2474, 69.6680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 49.3190, 43.2267, -4.6648 looks on a white background.

Color Contrast Check

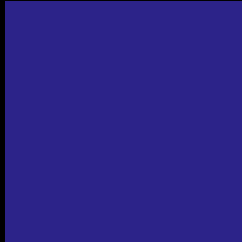
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3190, 43.2267, -4.6648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

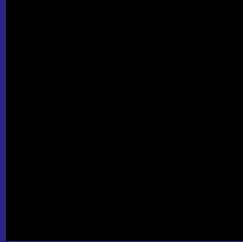
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.3190, 43.2267, -4.6648

Background



This preview shows how black text looks on a background with the YUV color 49.3190, 43.2267, -4.6648.



This preview shows how white text looks on a background with the YUV color 49.3190, 43.2267, -4.6648.

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

49.3190, 43.2267, -4.6648

Protanopia

42.2490, 32.4152, -37.0524

Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Original Color

49.3190, 43.2267, -4.6648

Protanomaly

44.7650, 36.5979, -25.2269

Tritanomaly

44.3940, 22.4838, -24.9015

Monochromacy



Original Color

49.3190, 43.2267, -4.6648

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1150, 15.7193, -1.8549

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.3190, 43.2267, -4.6648 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(44, 35, 137)` looks like.

```
.text, #text, p{  
    color:rgb(44, 35, 137)  
}
```

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(44, 35, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 35, 137) }
```

Border

The CSS property to change the border of an element to YUV 49.3190, 43.2267, -4.6648 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(44, 35, 137) }
```

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

```
.border{ border-color:rgb(44, 35, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 35, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 35, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 35, 137);  
box-shadow:4px 4px 4px 4px rgb(44, 35,  
137) }
```


Background

The CSS property to change the background color of an element to YUV 49.3190, 43.2267, -4.6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 35, 137) }
```

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

```
.background{ background-color: rgb(44, 35,  
137) }
```

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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