

Converting Colors

YUV(49.0930, 59.6072, 14.8274)

Have a look what the booklet for
YUV(49.0930, 59.6072, 14.8274)
contains.

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Color

**YUV(49.0930, 59.6072,
14.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	4211AA
RGB	66, 17, 170
RGB Percent	26%, 7%, 67%
CMY	0.7412, 0.9333, 0.3333
CMYK	0.61, 0.90, 0.00, 0.33
HSL	259°, 82%, 37%
HSV	259°, 90%, 67%
XYZ	9.7029, 4.4614, 38.3800
YIQ	49.0930, -19.9090, 57.9710

Conversions

Conversions Part 2

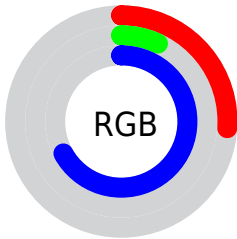
Format	Color
R_{YB}	66, 17, 170
Decimal	4329898
CIE _{Lab}	25.14, 56.35, -70.35
CIE _{LCh}	25, 90.130, 308.695
Yxy	4.4614, 0.1847, 0.0849
Android (android.graphics.Color)	4282519978 (0xFF4211AA)
YUV	49.0930, 59.6072, 14.8274
Hunter-Lab	21.1221, 45.0344, -92.9476

Details

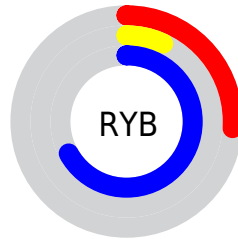
The YUV color **49.0930, 59.6072, 14.8274** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **137.9070, -59.6072, -14.8274**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.1150, 59.5963, 18.3161**, and **13.2240, 50.6686, -11.5974** is the 20% darker color. If you saturate the color by 10%, you get **35.5260, 66.2957, 16.2017**, and if you desaturate by 10%, it is **62.6600, 52.9186, 13.4532**.

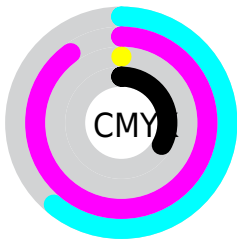
Distribution



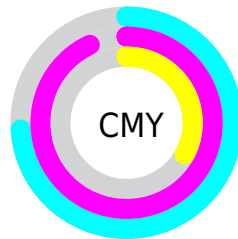
- Red (26%)
- Green (7%)
- Blue (67%)



- Red (26%)
- Yellow (7%)
- Blue (67%)



- Cyan (61%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.0930, 59.6072, 14.8274 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 49.0930, 59.6072, 14.8274 by changing the saturation by 10% instead.

■ 49.0930, 59.6072,
14.8274

■ 49.0930, 59.6072,
14.8274

■ 255.0000, 0.0000,
0.0000

■ 24.6740, 58.3347,
2.9169

■ 106.1150, 59.5963,
18.3161

■ 13.2240, 50.6686,
-11.5974

■ 133.5390, 59.8803,
20.5753

■ 10.3740, 39.7486,
-9.0980

■ 157.4720, 48.0813,
25.0191

■ 11.6330, 26.8029,
-10.2021

■ 182.2910, 35.8455,
29.5628

■ 6.6630, 17.9141,
-5.8435

■ 207.4090, 23.4624,
34.7213

■ 2.9810, 8.8834,
-2.6143

■ 226.8240, 13.8908,

■ 0.0000, 0.0000,

24.7104

0.0000

■ 243.2600, 5.7878,
10.2960

■ 49.0930, 59.6072,
14.8274

■ 49.0930, 59.6072,
14.8274

■ 35.5260, 66.2957,
16.2017

■ 62.6600, 52.9186,
13.4532

■ 75.9280, 46.3775,
11.4641

■ 89.4950, 39.6890,
10.0899

■ 102.7630, 33.1478,
8.1008

■ 116.3300, 26.4593,
6.7266

■ 129.5980, 19.9182,
4.7376

■ 143.1650, 13.2297,
3.3633

■ 156.4330, 6.6885,
1.3743

■ 170.0000, 0.0000,
0.0000

Harmonies

Analogous

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



62.2430, 68.4072, -54.5871



49.0930, 59.6072, 14.8274



56.9060, 26.6683, 79.8894

Triad

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



49.0930, 59.6072, 14.8274



52.5600, -25.9121, 51.2519



56.5530, 11.0664, -49.5970

Complementary

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



49.0930, 59.6072, 14.8274



137.9070, -59.6072, -14.8274

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.



46.3730, -22.8619, -40.6691



49.0930, 59.6072, 14.8274



54.3120, -26.7758, 1.4804

Square

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



49.0930, 59.6072, 14.8274



44.8500, -22.1110, 92.2166



44.0250, -21.7043, -38.6099



65.3650, 39.7531, -57.3251

Rectangle

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



49.0930, 59.6072, 14.8274



56.8590, 4.5065, 94.8397



44.0250, -21.7043, -38.6099



53.2300, 0.8726, -46.6827

Sweetspot

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



49.0930, 59.6072, 14.8274



174.5210, 23.4071, 5.6821



96.0770, 36.4440, -69.3505



83.6920, 13.9558, 3.7781



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.



49.0930, 59.6072, 14.8274



46.5370, 86.5033, 21.4541



71.8170, 48.4042, 61.5505



77.5100, 3.1996, 0.4297



30.9250, 57.7180, 14.0978



4.3730, 7.7041, 2.3039

Inverse Universe

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



74.6030, 22.8737, 83.6632



83.5920, 33.2321, 121.3838



115.1830, -48.4042, -61.5505



78.9620, 1.0047, 4.4183



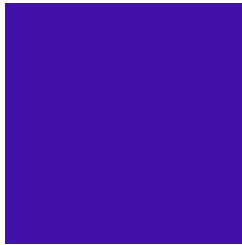
55.7660, 22.3004, 80.8892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 49.0930, 59.6072, 14.8274 looks on a white background.

Color Contrast Check

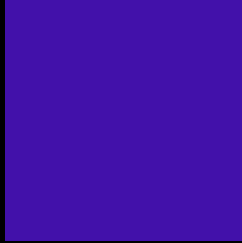
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0930, 59.6072, 14.8274 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 49.0930, 59.6072, 14.8274

Background



This preview shows how black text looks on a background with the YUV color 49.0930, 59.6072, 14.8274.



This preview shows how white text looks on a background with the YUV color 49.0930, 59.6072,

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

49.0930, 59.6072, 14.8274

Protanopia

48.6550, 36.6521, -42.6704

Deuteranopia

48.9510, 27.6322, -42.9300



Tritanopia

50.3420, 11.1704, -36.2569

Trichromacy



Original Color

49.0930, 59.6072, 14.8274

Protanomaly

48.9640, 44.8807, -21.8934

Deuteranomaly

48.8840, 39.4972, -21.8233

Tritanomaly

50.0450, 28.5718, -17.5795

Monochromacy



Original Color

49.0930, 59.6072, 14.8274

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7660, 21.8074, 5.4672

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.0930, 59.6072, 14.8274 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(66, 17, 170)` looks like.

```
.text, #text, p{  
    color:rgb(66, 17, 170)  
}
```

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(66, 17, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 17, 170) }
```

Border

The CSS property to change the border of an element to YUV 49.0930, 59.6072, 14.8274 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(66, 17, 170) }
```


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

```
.border{ border-color:rgb(66, 17, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 17, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 17, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 17, 170);  
box-shadow:4px 4px 4px 4px rgb(66, 17,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 49.0930, 59.6072, 14.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 17, 170) }
```

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

```
.background{ background-color: rgb(66, 17,  
170) }
```

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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