

Converting Colors

YUV(89.4420, 29.8551, -9.1576)

Have a look what the booklet for
YUV(89.4420, 29.8551, -9.1576)
contains.

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Color

**YUV(89.4420, 29.8551,
-9.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5396
RGB	79, 83, 150
RGB Percent	31%, 33%, 59%
CMY	0.6902, 0.6745, 0.4118
CMYK	0.47, 0.45, 0.00, 0.41
HSL	237°, 31%, 45%
HSV	237°, 47%, 59%
XYZ	11.8227, 10.0508, 30.1710
YIQ	89.4420, -23.8910, 19.9890

Conversions

Conversions Part 2

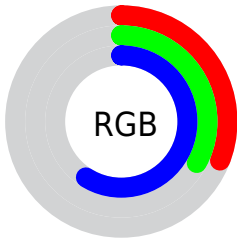
Format	Color
R_{YB}	79, 83, 150
Decimal	5198742
CIE Lab	37.93, 17.12, -37.40
CIE LCh	38, 41.132, 294.596
Yxy	10.0508, 0.2272, 0.1931
Android (android.graphics.Color)	4283388822 (0xFF4F5396)
YUV	89.4420, 29.8551, -9.1576
Hunter-Lab	31.7030, 11.0863, -34.2329

Details

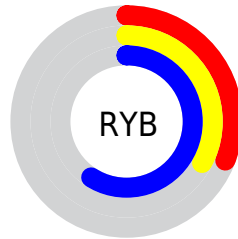
The YUV color **89.4420, 29.8551, -9.1576** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.5580, -29.8551, 9.1576**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3220, 31.8863, -7.2984**, and **40.7680, 28.7084, -14.7055** is the 20% darker color. If you saturate the color by 10%, you get **76.7390, 36.1177, -11.1721**, and if you desaturate by 10%, it is **102.1450, 23.5925, -7.1432**.

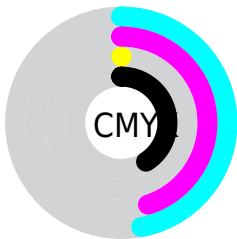
Distribution



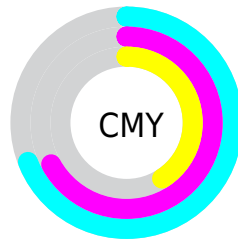
- Red (31%)
- Green (33%)
- Blue (59%)



- Red (31%)
- Yellow (33%)
- Blue (59%)



- Cyan (47%)
- Magenta (45%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4420, 29.8551, -9.1576 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 89.4420, 29.8551, -9.1576 by changing the saturation by 10% instead.

■ 89.4420, 29.8551,
-9.1576

■ 89.4420, 29.8551,
-9.1576

■ 255.0000, 0.0000,
0.0000

■ 65.2030, 28.9869,
-10.7020

■ 140.3220, 31.8863,
-7.2984

■ 40.7680, 28.7084,
-14.7055

■ 166.8490, 32.6124,
-6.8836

■ 19.5890, 26.8246,
-17.1796

■ 193.5780, 30.2810,
-5.7689

■ 5.8140, 22.2767,
-5.0989

■ 218.6850, 17.9033,
-2.3547

■ 4.4800, 12.0884,
-3.9290

■ 243.7920, 5.5255,
1.0594

■ 0.0000, 0.0000,
0.0000

■ 89.4420, 29.8551,
-9.1576

■ 89.4420, 29.8551,
-9.1576

■ 76.7390, 36.1177,
-11.1721

■ 102.1450, 23.5925,
-7.1432

■ 64.0360, 42.3803,
-13.1866

■ 114.8480, 17.3299,
-5.1287

■ 51.3330, 48.6428,
-15.2010

■ 127.5510, 11.0674,
-3.1142

■ 38.0430, 55.1948,
-16.7007

■ 140.8410, 4.5154,
-1.6146

■ 25.3400, 61.4574,
-18.7152

■ 153.5440, -1.7472,
0.3999


■ 21.7960, 63.2046,
-19.1151

■ 166.2470, -8.0098,
2.4144

■ 178.9500,
-14.2723, 4.4289

■ 191.6530,

-20.5349, 6.4433

 204.3560,
-26.7975, 8.4578

Harmonies

Analogous

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



73.5490, 40.6483, -64.5025



89.4420, 29.8551, -9.1576



92.1710, 17.6637, 27.9140

Triad

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



89.4420, 29.8551, -9.1576



86.9180, -25.5956, 43.0449



70.9830, 5.4314, -62.2521

Complementary

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



89.4420, 29.8551, -9.1576



139.5580, -29.8551, 9.1576

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.



75.9250, -13.2740, -35.8912



89.4420, 29.8551, -9.1576



85.7940, -34.4084, 22.9827

Square

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



89.4420, 29.8551, -9.1576



87.6540, -11.6614, 53.8004



82.8940, -29.5277, -2.5380



74.8590, 20.2825, -65.6513

Rectangle

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



89.4420, 29.8551, -9.1576



90.2780, 8.7369, 44.4832



82.8940, -29.5277, -2.5380



69.0280, 0.4792, -60.5376

Sweetspot

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



89.4420, 29.8551, -9.1576



170.6650, 11.5042, -3.2142



128.2010, 8.2819, -43.1493



82.5250, 7.1362, -2.2144



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



89.4420, 29.8551, -9.1576



99.7630, 46.4588, -14.7012



96.3630, 26.4430, 11.9596



67.7980, 3.0576, -0.6998



20.4280, 57.9630, -17.9154



1.7270, 4.0786, -1.5146

Inverse Universe

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



100.6850, -8.7187, 43.2493



116.9870, -13.3046, 67.5404



132.6370, -26.4430, -11.9596



69.0930, -1.0318, 4.3034



42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 89.4420, 29.8551, -9.1576 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 × Fail

Black Background



This preview shows how the YUV color 89.4420, 29.8551, -9.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

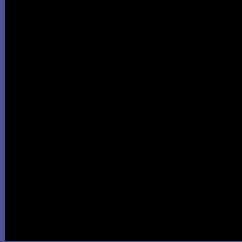
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4420, 29.8551, -9.1576

Background



This preview shows how black text looks on a background with the YUV color 89.4420, 29.8551, -9.1576.



This preview shows how white text looks on a background with the YUV color 89.4420, 29.8551,

-9.1576.

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

89.4420, 29.8551, -9.1576

Protanopia

86.5650, 33.2455, -23.2975

Deuteranopia

84.6520, 31.2306, -30.3898



Tritanopia

86.1270, 7.3324, -18.5284

Trichromacy



Original Color

89.4420, 29.8551, -9.1576

Protanomaly

87.9570, 32.0662, -18.3793

Deuteranomaly

86.2940, 30.9141, -22.1828

Tritanomaly

87.3260, 15.6153, -15.1949

Monochromacy



Original Color

89.4420, 29.8551, -9.1576

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1380, 10.7780, -3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4420, 29.8551, -9.1576 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, 83, 150)` looks like.

```
.text, #text, p{  
    color:rgb(79, 83, 150)  
}
```

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, 83, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 83, 150) }
```

Border

The CSS property to change the border of an element to YUV 89.4420, 29.8551, -9.1576 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, 83, 150) }
```


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

```
.border{ border-color:rgb(79, 83, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 83, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 83, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 83, 150);  
box-shadow:4px 4px 4px 4px rgb(79, 83,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 89.4420, 29.8551, -9.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 83, 150) }
```

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

```
.background{ background-color: rgb(79, 83,  
150) }
```

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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