

Converting Colors

YUV(98.4890, 18.4929, -4.8139)

Have a look what the booklet for
YUV(98.4890, 18.4929, -4.8139)
contains.

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Color

**YUV(98.4890, 18.4929,
-4.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5E88
RGB	93, 94, 136
RGB Percent	36%, 37%, 53%
CMY	0.6353, 0.6314, 0.4667
CMYK	0.32, 0.31, 0.00, 0.47
HSL	239°, 19%, 45%
HSV	239°, 32%, 53%
XYZ	12.9608, 12.1101, 24.9469
YIQ	98.4890, -14.0780, 12.8500

Conversions

Conversions Part 2

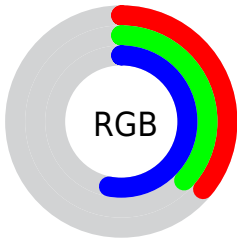
Format	Color
R_{YB}	93, 94, 136
Decimal	6119048
CIE Lab	41.39, 9.98, -23.43
CIE LCh	41, 25.470, 293.076
Yxy	12.1101, 0.2591, 0.2421
Android (android.graphics.Color)	4284309128 (0xFF5D5E88)
YUV	98.4890, 18.4929, -4.8139
Hunter-Lab	34.7996, 5.5815, -18.1437

Details

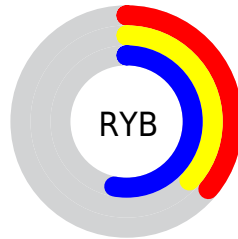
The YUV color **98.4890, 18.4929, -4.8139** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130.5110, -18.4929, 4.8139**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1300, 19.6559, -4.4990**, and **51.4350, 17.0405, -5.6435** is the 20% darker color. If you saturate the color by 10%, you get **86.6720, 24.3187, -6.7283**, and if you desaturate by 10%, it is **110.3060, 12.6671, -2.8994**.

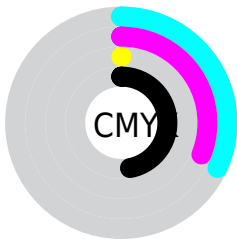
Distribution



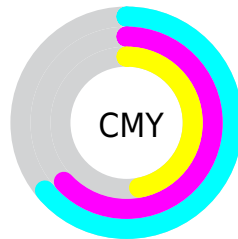
- Red (36%)
- Green (37%)
- Blue (53%)



- Red (36%)
- Yellow (37%)
- Blue (53%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4890, 18.4929, -4.8139 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 98.4890, 18.4929, -4.8139 by changing the saturation by 10% instead.

■ 98.4890, 18.4929,
-4.8139

■ 98.4890, 18.4929,
-4.8139

■ 255.0000, 0.0000,
0.0000

■ 74.0760, 18.2035,
-5.3287

■ 149.1300, 19.6559,
-4.4990

■ 51.4350, 17.0405,
-5.6435

■ 176.2440, 20.0927,
-4.5990

■ 29.3100, 16.6092,
-7.2879

■ 203.7710, 20.8189,
-4.1842

■ 4.6740, 17.9087,
-4.0991

■ 229.6050, 12.5197,
-2.2846

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 98.4890, 18.4929,
-4.8139

■ 98.4890, 18.4929,
-4.8139

■ 86.6720, 24.3187,
-6.7283

■ 110.3060, 12.6671,
-2.8994

■ 74.5670, 30.2865,
-7.5133

■ 122.4110, 6.6994,
-2.1144

■ 62.7500, 36.1123,
-9.4277

■ 134.2280, 0.8736,
-0.2000

■ 51.2320, 41.7906,
-10.7275

■ 145.7460, -4.8048,
1.0998

■ 39.4150, 47.6164,
-12.6420

■ 157.5630,
-10.6306, 3.0142

■ 27.0110, 53.7316,
-14.0416


■ 169.9670,
-16.7457, 4.4139

■ 17.2650, 58.5364,
-15.1414

■ 181.4850,
-22.4241, 5.7137

■ 193.3020,

-28.2499, 7.6281

 205.4070,
-34.2177, 8.4131

Harmonies

Analogous

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



92.4750, 22.9368, -30.2346



98.4890, 18.4929, -4.8139



100.6720, 11.0077, 16.0737

Triad

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



98.4890, 18.4929, -4.8139



97.6480, -16.0955, 29.2497



86.7410, 2.5927, -38.3609

Complementary

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



98.4890, 18.4929, -4.8139



130.5110, -18.4929, 4.8139

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.



91.6590, -9.6919, -18.1179



98.4890, 18.4929, -4.8139



96.8330, -20.1307, 16.8095

Square

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



98.4890, 18.4929, -4.8139



98.7440, -8.2548, 34.4275



94.3040, -17.8979, 0.6104



79.5560, 16.4879, -61.8776

Rectangle

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



98.4890, 18.4929, -4.8139



100.4300, 4.7180, 26.8099



94.3040, -17.8979, 0.6104



88.9330, -1.9390, -31.5132

Sweetspot

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



98.4890, 18.4929, -4.8139



161.8240, 6.9888, -1.5996



123.0290, 5.9017, -26.3354



80.7270, 4.0786, -1.5146



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.



98.4890, 18.4929, -4.8139



117.8120, 28.6867, -7.7281



103.8820, 15.8342, 7.9965



62.7980, 3.0576, -0.6998



16.9230, 57.2260, -14.8415



0.5700, 2.1840, -0.4999

Inverse Universe

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



105.9710, -5.9017, 26.3354



129.2610, -9.0027, 40.9901



125.1180, -15.8342, -7.9965



64.0930, -1.0318, 4.3034



40.1090, -18.2947, 81.4654



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 98.4890, 18.4929, -4.8139 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 98.4890, 18.4929, -4.8139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

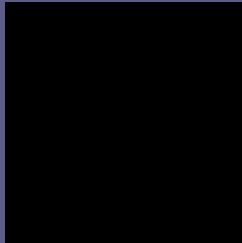
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4890, 18.4929, -4.8139

Background



This preview shows how black text looks on a background with the YUV color 98.4890, 18.4929, -4.8139.



This preview shows how white text looks on a background with the YUV color 98.4890, 18.4929,

-4.8139.

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

98.4890, 18.4929, -4.8139

Protanopia

97.4990, 19.9670, -10.9616

Deuteranopia

97.1570, 18.6566, -10.6617



Tritanopia

96.9110, 4.9739, -8.6919

Trichromacy



Original Color

98.4890, 18.4929, -4.8139

Protanomaly

97.6950, 19.3774, -8.5025

Deuteranomaly

97.4670, 18.5038, -8.3026

Tritanomaly

97.5890, 10.0626, -7.5326

Monochromacy



Original Color

98.4890, 18.4929, -4.8139

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.4110, 6.6994, -2.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4890, 18.4929, -4.8139 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(93, 94, 136)` looks like.

```
.text, #text, p{  
    color:rgb(93, 94, 136)  
}
```

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(93, 94, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 94, 136) }
```

Border

The CSS property to change the border of an element to YUV 98.4890, 18.4929, -4.8139 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(93, 94, 136) }
```


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

```
.border{ border-color:rgb(93, 94, 136) }
```

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

Here you see how a box with a 4 pixel rgb(93, 94, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 94, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 94, 136);  
box-shadow:4px 4px 4px 4px rgb(93, 94,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 98.4890, 18.4929, -4.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 94, 136) }
```

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

```
.background{ background-color: rgb(93, 94,  
136) }
```

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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