

Converting Colors

YUV(24.4890, 18.4929, -4.8139)

Have a look what the booklet for
YUV(24.4890, 18.4929, -4.8139)
contains.

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Color

**YUV(24.4890, 18.4929,
-4.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	13143E
RGB	19, 20, 62
RGB Percent	7%, 8%, 24%
CMY	0.9255, 0.9216, 0.7569
CMYK	0.69, 0.68, 0.00, 0.76
HSL	239°, 53%, 16%
HSV	239°, 69%, 24%
XYZ	1.3882, 0.9866, 4.6747
YIQ	24.4890, -14.0780, 12.8500

Conversions

Conversions Part 2

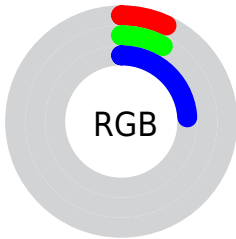
Format	Color
R_{YB}	19, 20, 62
Decimal	1250366
CIE Lab	8.88, 14.98, -27.14
CIE LCh	9, 30.998, 298.905
Yxy	0.9866, 0.1969, 0.1399
Android (android.graphics.Color)	4279440446 (0xFF13143E)
YUV	24.4890, 18.4929, -4.8139
Hunter-Lab	9.9326, 7.5659, -20.9516

Details

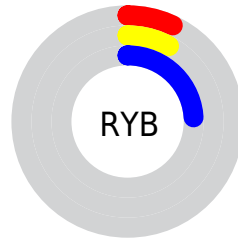
The YUV color **24.4890, 18.4929, -4.8139** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **56.5110, -18.4929, 4.8139**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.9670, 20.2293, -1.7251**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **19.1730, 21.1137, -5.4137**, and if you desaturate by 10%, it is **29.8050, 15.8721, -4.2140**.

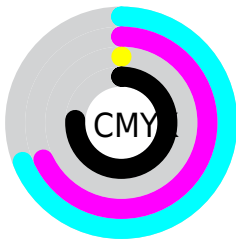
Distribution



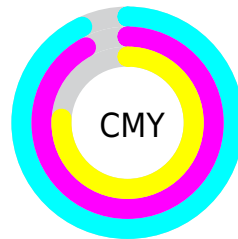
- Red (7%)
- Green (8%)
- Blue (24%)



- Red (7%)
- Yellow (8%)
- Blue (24%)



- Cyan (69%)
- Magenta (68%)
- Yellow (0%)
- Black (76%)



- Cyan (93%)
- Magenta (92%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.4890, 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 24.4890, 18.4929, -4.8139 by changing the saturation by 10% instead.

■ 24.4890, 18.4929,
-4.8139

■ 24.4890, 18.4929,
-4.8139

■ 248.5430, 3.1833,
5.6628

■ 4.5600, 17.4719,
-3.9991

■ 68.9670, 20.2293,
-1.7251

■ 2.6390, 7.5730,
-2.3144

■ 92.9070, 21.2448,
-0.7954

■ 0.0000, 0.0000,
0.0000

■ 118.0210, 21.6816,
-0.8954

■ 143.8470, 22.2604,
0.1342

■ 170.0750, 23.1340,
-0.0658

■ 197.6020, 23.8602,

0.3490

■ 223.4360, 15.5611,
2.2486

■ 24.4890, 18.4929,
-4.8139

■ 24.4890, 18.4929,
-4.8139

■ 19.1730, 21.1137,
-5.4137

■ 29.8050, 15.8721,
-4.2140

■ 13.8570, 23.7345,
-6.0136

■ 35.1210, 13.2513,
-3.6141

■ 8.2420, 26.5027,
-7.2282

■ 40.7360, 10.4832,
-2.3995

■ 7.6550, 26.7921,
-6.7134

■ 46.0520, 7.8624,
-1.7996

■ 51.3680, 5.2416,
-1.1997

■ 56.6840, 2.6208,
-0.5999

■ 62.0000, 0.0000,
0.0000

■ 67.6150, -2.7682,
1.2146

■ 73.5180, -5.6784,
1.2997

Harmonies

Analogous

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



24.0740, 21.1625, -21.1129



24.4890, 18.4929, -4.8139



23.8190, 11.4282, 21.2067

Triad

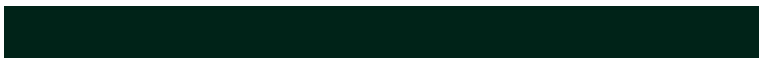
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.4890, 18.4929, -4.8139



23.4560, -11.5638, 22.4021



23.2810, 0.3545, -20.4174

Complementary

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



24.4890, 18.4929, -4.8139



56.5110, -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.



19.9580, -9.8393, -17.5032



24.4890, 18.4929, -4.8139



24.2540, -11.9572, 8.5472

Square

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



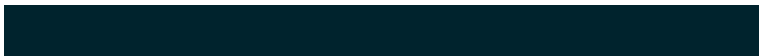
24.4890, 18.4929, -4.8139



19.1140, -9.4232, 35.8570



20.8990, -10.3032, -8.6814



25.6750, 9.5272, -22.5170

Rectangle

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



24.4890, 18.4929, -4.8139



20.9190, 6.4489, 31.6430



20.8990, -10.3032, -8.6814



22.3690, -3.1399, -19.6176

Sweetspot

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



24.4890, 18.4929, -4.8139



66.6390, 7.5730, -2.3144



49.0290, 5.9017, -26.3354



32.1400, 4.3680, -0.9998



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



24.4890, 18.4929, -4.8139



22.3390, 29.4129, -7.3133



29.8820, 15.8342, 7.9965



28.3420, 1.3104, -0.2999



11.8900, 40.4802, -10.4275



28.2430, 95.5222, -24.7691

Inverse Universe

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



31.9710, -5.9017, 26.3354



34.4460, -9.5869, 41.7049



51.1180, -15.8342, -7.9965



28.8970, -0.4422, 1.8443



28.3340, -12.9827, 57.5891



66.9480, -30.5404, 135.9806

Previews

White Background



This preview shows how the YUV color 24.4890, 18.4929, -4.8139 looks on a white background.

Color Contrast Check

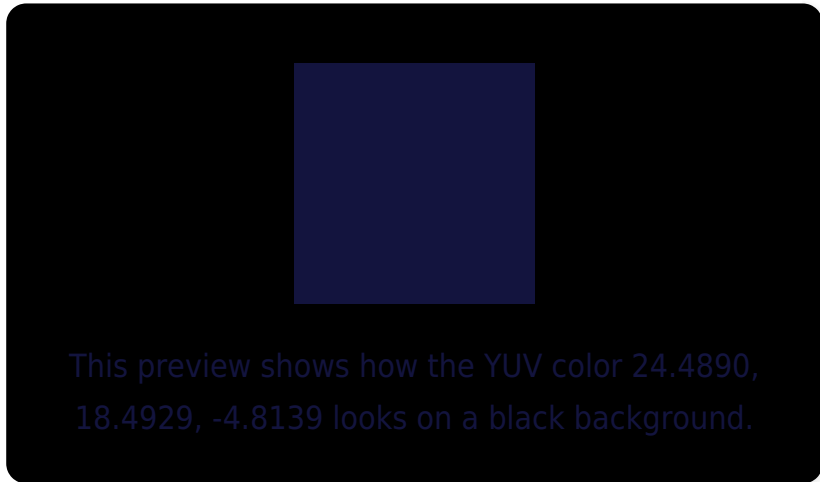
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

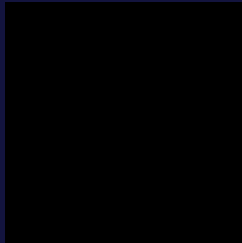
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.4890, 18.4929, -4.8139

Background



This preview shows how black text looks on a background with the YUV color 24.4890, 18.4929, -4.8139.



This preview shows how white text looks on a background with the YUV color 24.4890, 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

24.4890, 18.4929, -4.8139

Protanopia

20.7170, 15.9155, -18.1688

Deuteranopia

20.9790, 11.8424, -18.3986



Tritanopia

20.5570, 5.1484, -18.0285

Trichromacy



Original Color

24.4890, 18.4929, -4.8139

Protanomaly

21.9780, 16.7728, -13.1357

Deuteranomaly

21.9950, 14.2995, -13.1506

Tritanomaly

22.1430, 9.7895, -13.2804

Monochromacy



Original Color

24.4890, 18.4929, -4.8139

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.4110, 6.6994, -2.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.4890, 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(19, 20, 62)` looks like.

```
.text, #text, p{  
    color:rgb(19, 20, 62)  
}
```

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(19, 20, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 20, 62) }
```

Border

The CSS property to change the border of an element to YUV 24.4890, 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(19, 20, 62) }
```


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

```
.border{ border-color:rgb(19, 20, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 20, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 20, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 20, 62);  
box-shadow:4px 4px 4px 4px rgb(19, 20, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.4890, 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(19, 20, 62) }
```

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

```
.background{ background-color: rgb(19, 20,  
62) }
```

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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