

Converting Colors

YUV(15.4290, 6.1975, 18.9178)

Have a look what the booklet for
YUV(15.4290, 6.1975, 18.9178)
contains.

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Color

**YUV(15.4290, 6.1975,
18.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	25021C
RGB	37, 2, 28
RGB Percent	15%, 1%, 11%
CMY	0.8549, 0.9922, 0.8902
CMYK	0.00, 0.95, 0.24, 0.85
HSL	315°, 90%, 8%
HSV	315°, 95%, 15%
XYZ	0.9943, 0.5206, 1.1467
YIQ	15.4290, 12.5140, 15.5060

Conversions

Conversions Part 2

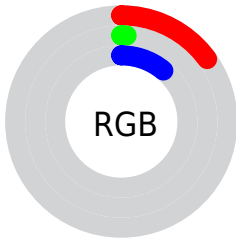
Format	Color
R_{YB}	37, 2, 28
Decimal	2425372
CIE Lab	4.70, 20.12, -8.15
CIE LCh	5, 21.704, 337.958
Yxy	0.5206, 0.3736, 0.1956
Android (android.graphics.Color)	4280615452 (0xFF25021C)
YUV	15.4290, 6.1975, 18.9178
Hunter-Lab	7.2151, 11.9715, -4.3724

Details

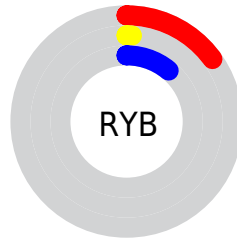
The YUV color **15.4290, 6.1975, 18.9178** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.5710, -6.1975, -18.9178**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.2010, 5.3239, 19.1177**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.1410, 6.3395, 20.0473**, and if you desaturate by 10%, it is **17.8910, 5.4767, 16.7586**.

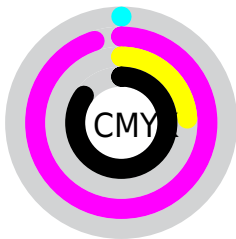
Distribution



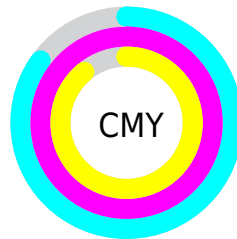
- Red (15%)
- Green (1%)
- Blue (11%)



- Red (15%)
- Yellow (1%)
- Blue (11%)



- Cyan (0%)
- Magenta (95%)
- Yellow (24%)
- Black (85%)



- Cyan (85%)
- Magenta (99%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.4290, 6.1975, 18.9178 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 15.4290, 6.1975, 18.9178 by changing the saturation by 10% instead.

■ 15.4290, 6.1975,
18.9178

■ 15.4290, 6.1975,
18.9178

■ 238.5640, 8.1029,
14.4144

■ 0.0000, 0.0000,
0.0000

■ 60.2010, 5.3239,
19.1177

■ 83.9130, 5.4659,
20.2473

■ 108.6250, 5.6079,
21.3769

■ 133.9240, 5.4605,
21.9917


■ 160.3370, 5.7499,
22.5065


■ 187.6360, 5.6025,

23.1212


 215.3480, 5.7444,
24.2508

 15.4290, 6.1975,
18.9178


 15.4290, 6.1975,
18.9178


 14.1410, 6.3395,
20.0473

 17.8910, 5.4767,
16.7586

 19.7660, 5.0454,
15.1142

 22.2280, 4.3246,
12.9550

 24.6900, 3.6038,
10.7959

 27.1520, 2.8831,
8.6367

■ 29.0270, 2.4517,
6.9923

■ 31.4890, 1.7309,
4.8331

■ 33.9510, 1.0102,
2.6740

■ 35.8260, 0.5788,
1.0296

Harmonies

Analogous

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



16.6060, 11.0402, 5.6075



15.4290, 6.1975, 18.9178



14.1110, -1.5337, 25.3357

Triad

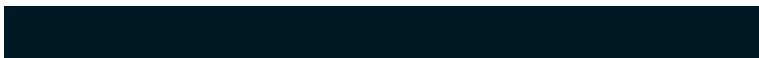
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.4290, 6.1975, 18.9178



15.0620, -7.4256, 1.6996



18.5510, 7.6164, -16.2692

Complementary

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



15.4290, 6.1975, 18.9178



23.5710, -6.1975, -18.9178

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.



17.5420, 1.2118, -15.3843



15.4290, 6.1975, 18.9178



12.9140, -6.3666, -11.3256

Square

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



15.4290, 6.1975, 18.9178



15.4380, -7.6109, 14.5249



14.6750, -7.2348, -12.8700



17.8160, 12.4157, -15.6246

Rectangle

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



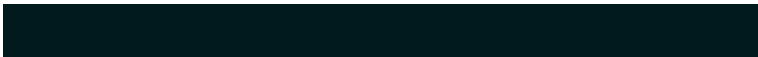
15.4290, 6.1975, 18.9178



13.1450, -6.4805, 25.3058



14.6750, -7.2348, -12.8700



18.6820, 5.5798, -16.3841

Sweetspot

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



15.4290, 6.1975, 18.9178



40.0270, 2.4517, 6.9923



8.6810, 13.9613, 2.0338



20.3750, 1.2941, 4.9331



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



15.4290, 6.1975, 18.9178



18.4560, 8.6492, 25.9101



13.4910, -1.2281, 20.6174



16.7120, 0.1420, 1.1296



31.4720, 14.5573, 44.3131



80.1610, 36.8956, 112.9918

Inverse Universe

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



15.4290, 6.1975, 18.9178



18.4560, 8.6492, 25.9101



25.5090, 1.2281, -20.6174



16.7120, 0.1420, 1.1296



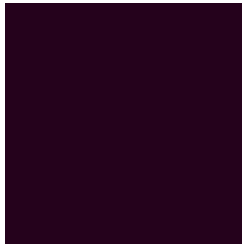
31.4720, 14.5573, 44.3131



80.1610, 36.8956, 112.9918

Previews

White Background



This preview shows how the YUV color 15.4290, 6.1975, 18.9178 looks on a white background.

Color Contrast Check

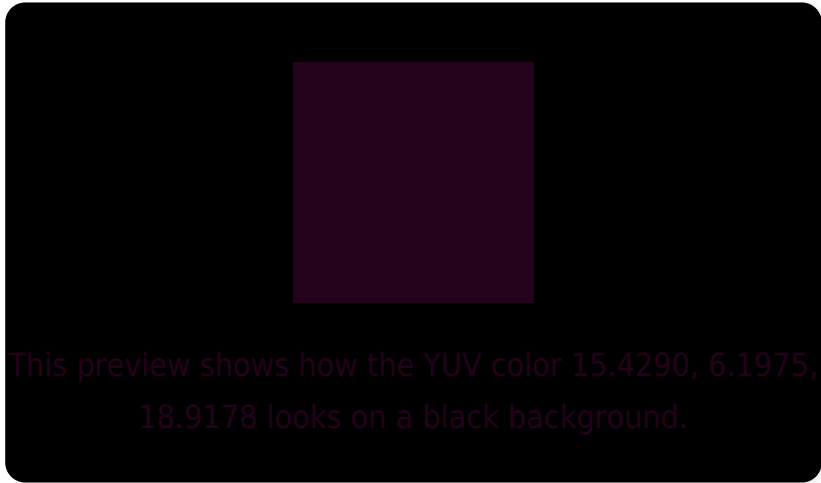
Large Text (above 18pt) WCAG AA ✓ Pass

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

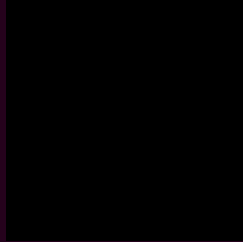
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.4290, 6.1975, 18.9178

Background



This preview shows how black text looks on a background with the YUV color 15.4290, 6.1975, 18.9178.



This preview shows how white text looks on a background with the YUV color 15.4290, 6.1975,

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

15.4290, 6.1975, 18.9178

Protanopia

17.8060, 10.9416, -9.4769

Deuteranopia

20.3850, 2.7682, -1.2146



Tritanopia

18.5890, -3.2484, 15.2694

Trichromacy



Original Color

15.4290, 6.1975, 18.9178

Protanomaly

17.1170, 9.3093, 0.7744

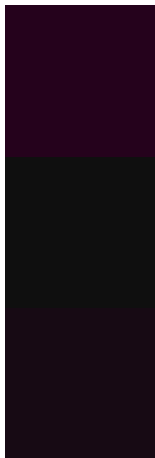
Deuteranomaly

18.4830, 4.1989, 6.5924

Tritanomaly

17.5120, 0.2406, 16.2140

Monochromacy



Original Color

15.4290, 6.1975, 18.9178

Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.4290, 6.1975, 18.9178 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(37, 2, 28)` looks like.

```
.text, #text, p{  
    color:rgb(37, 2, 28)  
}
```

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(37, 2, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 2, 28) }
```

Border

The CSS property to change the border of an element to YUV 15.4290, 6.1975, 18.9178 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(37, 2, 28) }
```


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

```
.border{ border-color:rgb(37, 2, 28) }
```

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

Here you see how a box with a 4 pixel rgb(37, 2, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 2, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 2, 28); box-shadow:4px  
4px 4px 4px rgb(37, 2, 28) }
```

Background

The CSS property to change the background color of an element to YUV 15.4290, 6.1975, 18.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 2, 28) }
```

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

```
.background{ background-color: rgb(37, 2,  
28) }
```

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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