

Converting Colors

YUV(18.2820, -7.5340, 36.5867)

Have a look what the booklet for
YUV(18.2820, -7.5340, 36.5867)
contains.

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Color

**YUV(18.2820, -7.5340,
36.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	3C0003
RGB	60, 0, 3
RGB Percent	24%, 0%, 1%
CMY	0.7647, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.95, 0.76
HSL	357°, 100%, 12%
HSV	357°, 100%, 24%
XYZ	1.8799, 0.9672, 0.1738
YIQ	18.2820, 34.7970, 13.6530

Conversions

Conversions Part 2

Format	Color
RYB	60, 0, 3
Decimal	3932163
CIELab	8.72, 28.69, 12.54
CIElCh	9, 31.308, 23.614
Yxy	0.9672, 0.6223, 0.3202
Android (android.graphics.Color)	4282122243 (0xFF3C0003)
YUV	18.2820, -7.5340, 36.5867
Hunter-Lab	9.8348, 16.9092, 5.8368

Details

The YUV color **18.2820, -7.5340, 36.5867** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.7180, 7.5340, -36.5867**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.7770, -8.2711, 39.6606**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.2820, -7.5340, 36.5867**, and if you desaturate by 10%, it is **22.4880, -6.6496, 32.8980**.

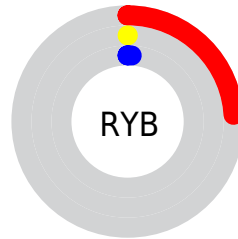
Distribution



Red (24%)

Green (0%)

Blue (1%)



Red (24%)

Yellow (0%)

Blue (1%)



Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.2820, -7.5340, 36.5867 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 18.2820, -7.5340, 36.5867 by changing the saturation by 10% instead.

■ 18.2820, -7.5340,
36.5867

■ 18.2820, -7.5340,
36.5867

■ 237.8340, -4.8482,
15.0546

■ 11.1770, -5.0173,
22.6468

■ 66.7770, -8.2711,
39.6606

■ 0.0000, 0.0000,
0.0000

■ 91.4460, -9.5869,
41.7049


■ 117.2290,
-10.4659, 43.6492


■ 143.1260,
-10.9081, 45.4935


■ 170.4960,
-12.0765, 46.9230


■ 197.5070,


-12.0820, 48.6674


 217.6190, -8.6862,
32.7831


 18.2820, -7.5340,
36.5867

 22.4880, -6.6496,
32.8980

 26.5800, -6.2019,
29.3093

 30.7860, -5.3175,
25.6207

 34.9920, -4.4331,
21.9320

 39.0840, -3.9854,
18.3433

■ 43.2900, -3.1010,
14.6547

■ 47.4960, -2.2165,
10.9660

■ 51.7020, -1.3321,
7.2773

■ 55.7940, -0.8844,
3.6887

Harmonies

Analogous

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



20.7620, 4.5543, 32.6577



18.2820, -7.5340, 36.5867



22.2930, -10.9904, 25.1760

Triad

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



18.2820, -7.5340, 36.5867



19.3710, -9.5499, -16.9884



24.6610, 20.8731, -21.6277

Complementary

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



18.2820, -7.5340, 36.5867



41.7180, 7.5340, -36.5867

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.



26.0970, 16.2212, -22.8871



18.2820, -7.5340, 36.5867



22.7110, -1.8295, -19.9175

Square

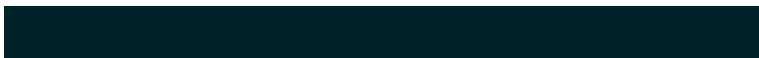
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.2820, -7.5340, 36.5867



21.5080, -10.6034, -5.7075



25.2190, 7.7800, -22.1171



21.7160, 20.8460, -12.9059

Rectangle

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



18.2820, -7.5340, 36.5867



24.2980, -11.9789, 15.5247



25.2190, 7.7800, -22.1171



25.6070, 19.4207, -22.4573

Sweetspot

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



18.2820, -7.5340, 36.5867



62.4040, -2.6642, 14.5547



23.8830, 17.8057, 29.0436



30.5990, -1.7743, 9.1217



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.



18.2820, -7.5340, 36.5867



24.0770, -9.8980, 48.1675



33.7890, -16.6580, 22.9870



28.8970, -0.4422, 1.8443



28.6760, -11.6723, 57.2891



67.6320, -27.9196, 135.3807

Inverse Universe

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



18.2820, -7.5340, 36.5867



24.0770, -9.8980, 48.1675



26.2110, 16.6580, -22.9870



28.8970, -0.4422, 1.8443



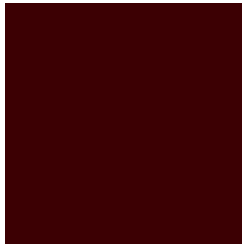
28.6760, -11.6723, 57.2891



67.6320, -27.9196, 135.3807

Previews

White Background



This preview shows how the YUV color 18.2820, -7.5340, 36.5867 looks on a white background.

Color Contrast Check

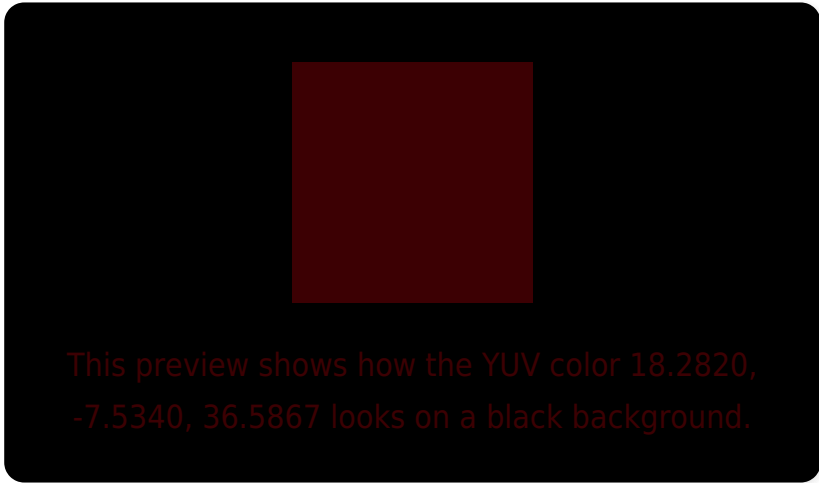
Large Text (above 18pt) WCAG AA ✓ Pass

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

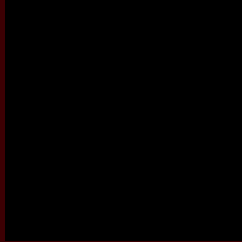
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.2820, -7.5340, 36.5867

Background



This preview shows how black text looks on a background with the YUV color 18.2820, -7.5340, 36.5867.

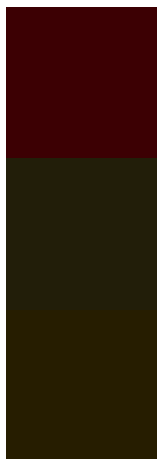


This preview shows how white text looks on a background with the YUV color 18.2820, -7.5340,

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

18.2820, -7.5340, 36.5867

Protanopia

28.8020, -9.7624, 4.5586

Deuteranopia

28.3850, -13.9938, 8.4324



Tritanopia

21.4620, -10.5808, 33.7978

Trichromacy



Original Color

18.2820, -7.5340, 36.5867

Protanomaly

24.8080, -8.7793, 15.9544

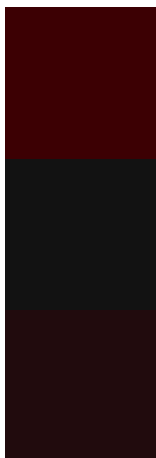
Deuteranomaly

24.4340, -11.5530, 18.9134

Tritanomaly

20.4020, -9.5652, 34.7274

Monochromacy



Original Color

18.2820, -7.5340, 36.5867

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.2820, -7.5340, 36.5867 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(60, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 3)  
}
```

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(60, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 3) }
```

Border

The CSS property to change the border of an element to YUV 18.2820, -7.5340, 36.5867 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(60, 0, 3) }
```


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

```
.border{ border-color:rgb(60, 0, 3) }
```

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

Here you see how a box with a 4 pixel rgb(60, 0, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 0, 3); box-shadow:4px  
4px 4px 4px rgb(60, 0, 3) }
```

Background

The CSS property to change the background color of an element to YUV 18.2820, -7.5340, 36.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 3) }
```

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

```
.background{ background-color: rgb(60, 0,  
3) }
```

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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