

Converting Colors

YUV(18.8260, 7.4808, 27.3396)

Have a look what the booklet for
YUV(18.8260, 7.4808, 27.3396)
contains.

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Color

**YUV(18.8260, 7.4808,
27.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	320022
RGB	50, 0, 34
RGB Percent	20%, 0%, 13%
CMY	0.8039, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.32, 0.80
HSL	319°, 100%, 10%
HSV	319°, 100%, 20%
XYZ	1.6041, 0.7936, 1.5820
YIQ	18.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

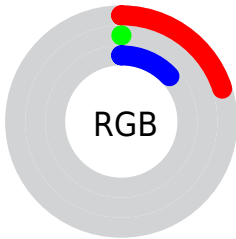
Format	Color
R_{YB}	50, 0, 34
Decimal	3276834
CIE _{Lab}	7.17, 28.39, -8.86
CIE _{LCh}	7, 29.739, 342.673
Yxy	0.7936, 0.4031, 0.1994
Android (android.graphics.Color)	4281466914 (0xFF320022)
YUV	18.8260, 7.4808, 27.3396
Hunter-Lab	8.9084, 16.5524, -4.2931

Details

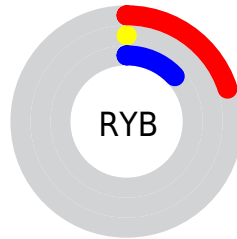
The YUV color **18.8260, 7.4808, 27.3396** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31.1740, -7.4808, -27.3396**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.4950, 6.1650, 29.3839**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.8260, 7.4808, 27.3396**, and if you desaturate by 10%, it is **21.9890, 6.9074, 24.5656**.

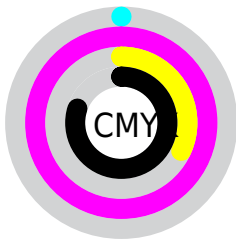
Distribution



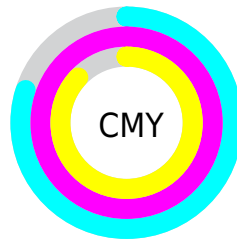
- Red (20%)
- Green (0%)
- Blue (13%)



- Red (20%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (80%)




- Cyan (80%)
- Magenta (100%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the YUV color 18.8260, 7.4808, 27.3396 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 18.8260, 7.4808, 27.3396 by changing the saturation by 10% instead.

 18.8260, 7.4808,
27.3396

 18.8260, 7.4808,
27.3396


 239.1510, 7.8136,
13.8996


 9.5120, 0.2406,
16.2140

 65.4950, 6.1650,
29.3839

 0.0000, 0.0000,
0.0000

 90.0930, 5.8702,
30.6134

 114.8050, 6.0121,
31.7430

 140.8160, 6.0067,
33.4874


 167.5280, 6.1487,
34.6169

 194.9410, 6.4381,

35.1317

 220.5490, 7.6173,
30.2135


 18.8260, 7.4808,
27.3396

 21.9890, 6.9074,
24.5656

 25.0380, 5.8973,
21.8917

 28.2010, 5.3239,
19.1177

 31.2500, 4.3137,
16.4438

 34.4130, 3.7404,
13.6698

■ 37.5760, 3.1670,
10.8958

■ 40.6250, 2.1569,
8.2219

■ 43.7880, 1.5835,
5.4479

■ 46.8370, 0.5734,
2.7740

Harmonies

Analogous

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



21.8390, 14.3764, 8.9112



18.8260, 7.4808, 27.3396



17.8130, -2.8658, 32.6130

Triad

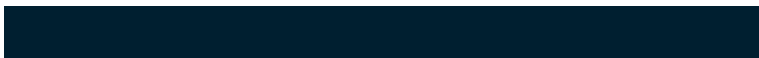
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8260, 7.4808, 27.3396



20.0680, -9.8935, -0.0596



23.6690, 11.9952, -20.7577

Complementary

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



18.8260, 7.4808, 27.3396



31.1740, -7.4808, -27.3396

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.



22.7910, 3.5540, -19.9877



18.8260, 7.4808, 27.3396



17.0230, -8.3923, -14.9292

Square

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



18.8260, 7.4808, 27.3396



21.3410, -10.5211, 14.6099



19.1260, -7.9501, -16.7735



23.2760, 18.1049, -20.4131

Rectangle

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



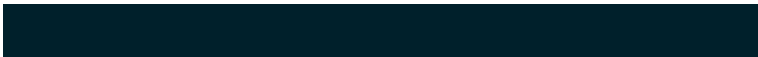
18.8260, 7.4808, 27.3396



17.0210, -8.3914, 31.5536



19.1260, -7.9501, -16.7735



23.6860, 9.5218, -20.7726

Sweetspot

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



18.8260, 7.4808, 27.3396



52.1630, 2.8776, 10.3810



10.4840, 19.4814, 4.8375



25.5000, 1.7255, 6.5775



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



18.8260, 7.4808, 27.3396



24.0380, 9.3483, 35.0467



15.9760, -3.4392, 29.8390



24.1250, 0.4314, 1.6444



33.5650, 13.5255, 48.6165



81.6410, 32.2220, 118.7098

Inverse Universe

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



18.8260, 7.4808, 27.3396



24.0380, 9.3483, 35.0467



34.0240, 3.4392, -29.8390



24.1250, 0.4314, 1.6444



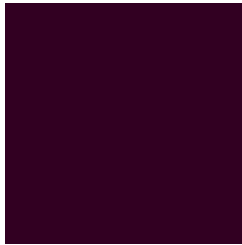
33.5650, 13.5255, 48.6165



81.6410, 32.2220, 118.7098

Previews

White Background



This preview shows how the YUV color 18.8260, 7.4808, 27.3396 looks on a white background.

Color Contrast Check

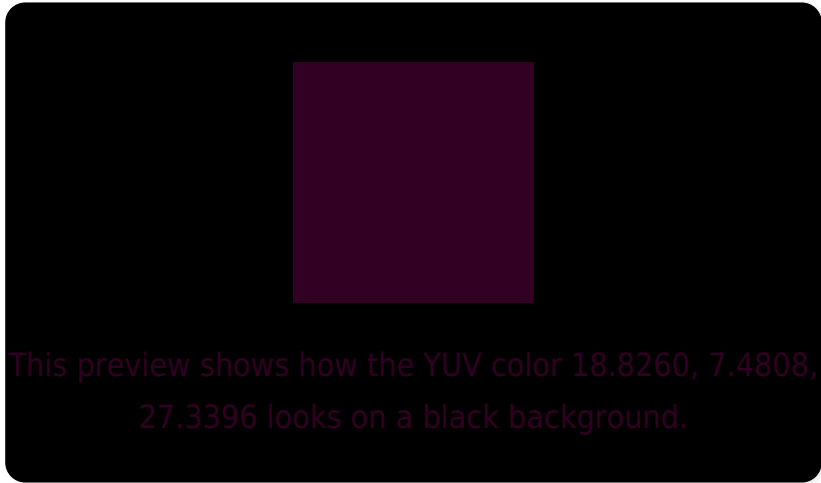
Large Text (above 18pt) WCAG AA ✓ Pass

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

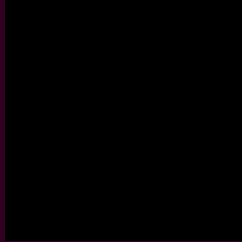
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.8260, 7.4808, 27.3396

Background



This preview shows how black text looks on a background with the YUV color 18.8260, 7.4808, 27.3396.



This preview shows how white text looks on a background with the YUV color 18.8260, 7.4808,

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

18.8260, 7.4808, 27.3396

Protanopia

25.6320, 11.5204, -8.4473

Deuteranopia

26.9830, 2.4734, 0.0149



Tritanopia

23.8780, -4.8699, 22.0320

Trichromacy



Original Color

18.8260, 7.4808, 27.3396

Protanomaly

23.3670, 10.1721, 4.0631

Deuteranomaly

24.2060, 4.3354, 9.4663

Tritanomaly

21.7410, -0.3653, 23.9061

Monochromacy



Original Color

18.8260, 7.4808, 27.3396

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7500, 2.5882, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.8260, 7.4808, 27.3396 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(50, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(50, 0, 34)  
}
```

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(50, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 0, 34) }
```

Border

The CSS property to change the border of an element to YUV 18.8260, 7.4808, 27.3396 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(50, 0, 34) }
```


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

```
.border{ border-color:rgb(50, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 0, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 0, 34); box-shadow:4px  
4px 4px 4px rgb(50, 0, 34) }
```

Background

The CSS property to change the background color of an element to YUV 18.8260, 7.4808, 27.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 0, 34) }
```

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

```
.background{ background-color: rgb(50, 0,  
34) }
```

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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