

Converting Colors

YUV(18.8400, -7.3161, 13.2953)

Have a look what the booklet for
YUV(18.8400, -7.3161, 13.2953)
contains.

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Color

**YUV(18.8400, -7.3161,
13.2953)**

Conversions

Conversions Part 1

Format	Color
Hex	220E04
RGB	34, 14, 4
RGB Percent	13%, 5%, 2%
CMY	0.8667, 0.9451, 0.9843
CMYK	0.00, 0.59, 0.88, 0.87
HSL	20°, 79%, 7%
HSV	20°, 88%, 13%
XYZ	0.8386, 0.6629, 0.1986
YIQ	18.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

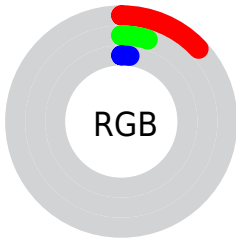
Format	Color
RYB	34, 19, 4
Decimal	2231812
CIELab	5.99, 8.54, 7.48
CIELCh	6, 11.357, 41.217
Yxy	0.6629, 0.4933, 0.3899
Android (android.graphics.Color)	4280421892 (0xFF220E04)
YUV	18.8400, -7.3161, 13.2953
Hunter-Lab	8.1420, 4.1373, 4.2531

Details

The YUV color **18.8400, -7.3161, 13.2953** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.1600, 7.3161, -13.2953**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.5950, -5.7163, 13.5102**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.3240, -8.0477, 14.6249**, and if you desaturate by 10%, it is **20.3560, -6.5845, 11.9658**.

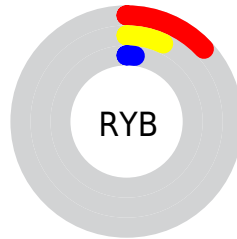
Distribution



Red (13%)

Green (5%)

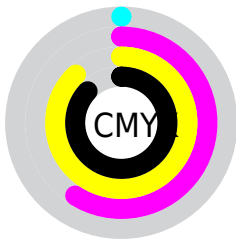
Blue (2%)



Red (13%)

Yellow (7%)

Blue (2%)

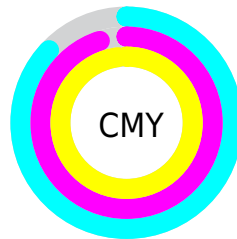


Cyan (0%)

Magenta (59%)

Yellow (88%)

Black (87%)



Cyan (87%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.8400, -7.3161, 13.2953 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 18.8400, -7.3161, 13.2953 by changing the saturation by 10% instead.

■ 18.8400, -7.3161,
13.2953

■ 18.8400, -7.3161,
13.2953

■ 241.4700, -6.1477,
11.8658

■ 0.0000, 0.0000,
0.0000

■ 62.5950, -5.7163,
13.5102

■ 85.7800, -6.3005,
14.2249

■ 110.3780, -6.5954,
15.4545

■ 135.6770, -6.7428,
16.0693

■ 161.8620, -7.3270,
16.7840

■ 189.1610, -7.4744,

17.3988

■ 216.4600, -7.6218,
18.0136

■ 18.8400, -7.3161,
13.2953

■ 18.8400, -7.3161,
13.2953

■ 17.3240, -8.0477,
14.6249

■ 20.3560, -6.5845,
11.9658

■ 16.6230, -8.1951,
15.2396

■ 22.5730, -5.7055,
10.0215

■ 24.0890, -4.9739,
8.6919

■ 25.7190, -3.8055,
7.2624

■ 27.2350, -3.0739,
5.9329

■ 29.3380, -2.6316,
4.0886

■ 30.9680, -1.4632,
2.6591

■ 32.4840, -0.7316,
1.3295

■ 34.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



19.6210, -1.7852, 12.6104



18.8400, -7.3161, 13.2953



18.9490, -9.3419, 9.6917

Triad

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



18.8400, -7.3161, 13.2953



15.4560, -1.7038, -13.5549



18.9160, 7.4364, -5.1883

Complementary

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



18.8400, -7.3161, 13.2953



19.1600, 7.3161, -13.2953

Split Complementary

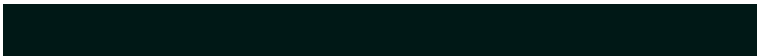
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.6760, 8.0477, -14.6249



18.8400, -7.3161, 13.2953



16.5960, 2.6642, -14.5547

Square

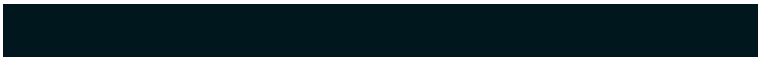
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8400, -7.3161, 13.2953



16.6160, -7.6987, -4.0482



17.3940, 5.7218, -15.2545



20.1020, 5.3727, 3.4185

Rectangle

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



18.8400, -7.3161, 13.2953



18.9270, -9.3310, 6.2030



17.3940, 5.7218, -15.2545



18.0080, 7.8841, -8.7770

Sweetspot

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



18.8400, -7.3161, 13.2953



37.6370, -2.7790, 4.7034



15.2500, 4.3137, 16.4438



19.2670, -1.6106, 3.2738



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



18.8400, -7.3161, 13.2953



21.0750, -10.3900, 19.2282



27.6450, -11.6570, 5.5733



17.1850, -0.5842, 0.7148



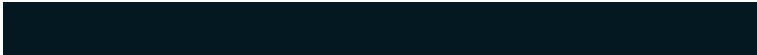
40.3670, -19.9009, 36.5121



103.5810, -51.0654, 92.4525

Inverse Universe

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



19.1600, 7.3161, -13.2953



21.9250, 10.3900, -19.2282



10.3550, 11.6570, -5.5733



16.8150, 0.5842, -0.7148



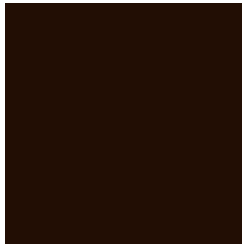
41.0460, 20.1903, -35.9973



105.4190, 51.0654, -92.4525

Previews

White Background



This preview shows how the YUV color 18.8400, -7.3161, 13.2953 looks on a white background.

Color Contrast Check

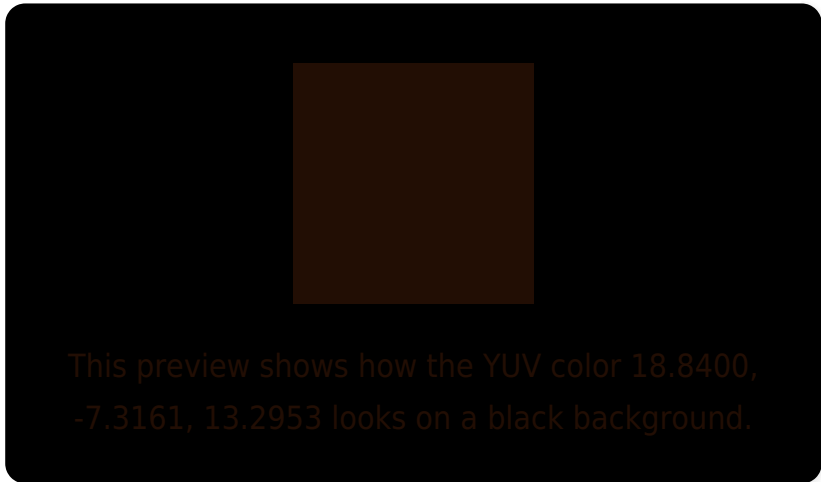
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8400, -7.3161, 13.2953

Background



This preview shows how black text looks on a background with the YUV color 18.8400, -7.3161, 13.2953.



This preview shows how white text looks on a background with the YUV color 18.8400, -7.3161,

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

18.8400, -7.3161, 13.2953

Protanopia

19.3010, -6.5574, 3.2440

Deuteranopia

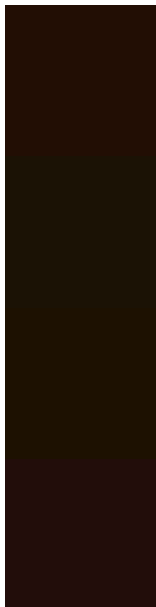
18.9270, -9.3310, 6.2030



Tritanopia

19.3930, -2.6587, 12.8103

Trichromacy



Original Color

18.8400, -7.3161, 13.2953

Protanomaly

19.2090, -7.0050, 6.8327

Deuteranomaly

18.7640, -8.7577, 8.9770

Tritanomaly

18.9370, -4.4059, 13.2103

Monochromacy



Original Color

18.8400, -7.3161, 13.2953

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7510, -2.3422, 4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.8400, -7.3161, 13.2953 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(34, 14, 4)` looks like.

```
.text, #text, p{  
    color:rgb(34, 14, 4)  
}
```

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(34, 14, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 14, 4) }
```

Border

The CSS property to change the border of an element to YUV 18.8400, -7.3161, 13.2953 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(34, 14, 4) }
```


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

```
.border{ border-color:rgb(34, 14, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 14, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 14, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 14, 4); box-shadow:4px  
4px 4px 4px rgb(34, 14, 4) }
```

Background

The CSS property to change the background color of an element to YUV 18.8400, -7.3161, 13.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 14, 4) }
```

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

```
.background{ background-color: rgb(34, 14,  
4) }
```

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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