

Converting Colors

YUV(35.8380, -17.6681,
20.3131)

Have a look what the booklet for
YUV(35.8380, -17.6681, 20.3131)
contains.

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Color

**YUV(35.8380, -17.6681,
20.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1F00
RGB	59, 31, 0
RGB Percent	23%, 12%, 0%
CMY	0.7686, 0.8784, 1.0000
CMYK	0.00, 0.47, 1.00, 0.77
HSL	32°, 100%, 12%
HSV	32°, 100%, 23%
XYZ	2.2936, 1.9098, 0.2477
YIQ	35.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

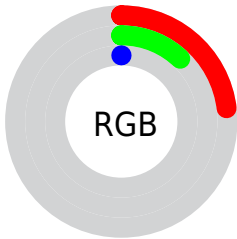
Format	Color
R_YB	53, 59, 0
Decimal	3874560
CIE _{Lab}	15.01, 10.84, 22.33
CIE _{LCh}	15, 24.821, 64.108
Yxy	1.9098, 0.5153, 0.4291
Android (android.graphics.Color)	4282064640 (0xFF3B1F00)
YUV	35.8380, -17.6681, 20.3131
Hunter-Lab	13.8195, 5.4416, 8.6108

Details


The YUV color **35.8380, -17.6681, 20.3131** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.1620, 17.6681, -20.3131**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.9740, -17.2422, 23.7018**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.8380, -17.6681, 20.3131**, and if you desaturate by 10%, it is **38.2830, -15.9155, 18.1688**.

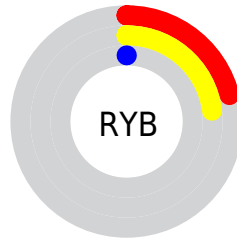
Distribution



 Red (23%)

 Green (12%)

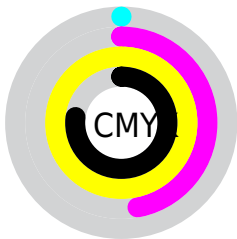
 Blue (0%)




 Red (21%)

 Yellow (23%)

 Blue (0%)

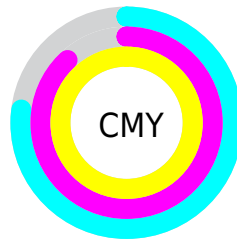


 Cyan (0%)


 Magenta (47%)

 Yellow (100%)

 Black (77%)



 Cyan (77%)

 Magenta (88%)

 Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.8380, -17.6681, 20.3131 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 35.8380, -17.6681, 20.3131 by changing the saturation by 10% instead.

■ 35.8380, -17.6681,
20.3131

■ 35.8380, -17.6681,
20.3131

■ 251.6940,
-12.6671, 2.8994

■ 15.7480, -7.7638,
16.8840

■ 81.9740, -17.2422,
23.7018

■ 0.0000, 0.0000,
0.0000

■ 106.4580,
-17.9738, 25.0313


■ 131.9420,
-18.7054, 26.3609


■ 158.3120,
-19.8738, 27.7904


■ 185.7960,
-20.6054, 29.1199


■ 213.3940,


-20.9002, 30.3495


 235.0010,
-18.2415, 17.5391


 35.8380, -17.6681,
20.3131

 38.2830, -15.9155,
18.1688

 40.7280, -14.1629,
16.0245

 42.5860, -12.1209,
14.3951

 45.0310, -10.3683,
12.2508

 47.3620, -9.0525,
10.2065

■ 49.8070, -7.2999,
8.0623

■ 52.2520, -5.5472,
5.9180

■ 54.1100, -3.5052,
4.2885

■ 56.5550, -1.7526,
2.1443

Harmonies

Analogous

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



36.2870, -8.5225, 26.9353



35.8380, -17.6681, 20.3131



35.7610, -17.6302, 8.1026

Triad

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



35.8380, -17.6681, 20.3131



31.5620, 4.1599, -27.6799



38.6810, 13.9613, 2.0338

Complementary

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



35.8380, -17.6681, 20.3131



23.1620, 17.6681, -20.3131

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.



31.2150, 20.6000, -27.3756



35.8380, -17.6681, 20.3131



33.5000, 11.5855, -29.3795

Square

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



35.8380, -17.6681, 20.3131



28.9230, -3.4130, -25.3655



33.1070, 17.6952, -29.0348



38.3690, 7.2131, 19.8474

Rectangle

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



35.8380, -17.6681, 20.3131



34.2330, -16.8769, -0.2043



33.1070, 17.6952, -29.0348



37.7940, 15.8776, -5.9583

Sweetspot

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



35.8380, -17.6681, 20.3131



67.9210, -6.8631, 7.9623



20.9470, 3.9701, 33.3725



32.8820, -4.3788, 4.4885



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



35.8380, -17.6681, 20.3131



46.5030, -22.9260, 26.7459



51.9750, -25.6237, 5.2839



29.4840, -0.7316, 1.3295



57.4560, -28.3258, 32.0491



135.0570, -66.5831, 76.2490

Inverse Universe

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



23.1620, 17.6681, -20.3131



29.9100, 23.2154, -26.2311



7.0250, 25.6237, -5.2839



28.9290, 1.0210, -0.8147



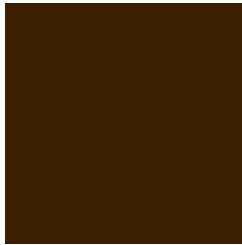
37.1310, 28.0364, -32.5639



86.9430, 66.5831, -76.2490

Previews

White Background



This preview shows how the YUV color 35.8380, -17.6681, 20.3131 looks on a white background.

Color Contrast Check

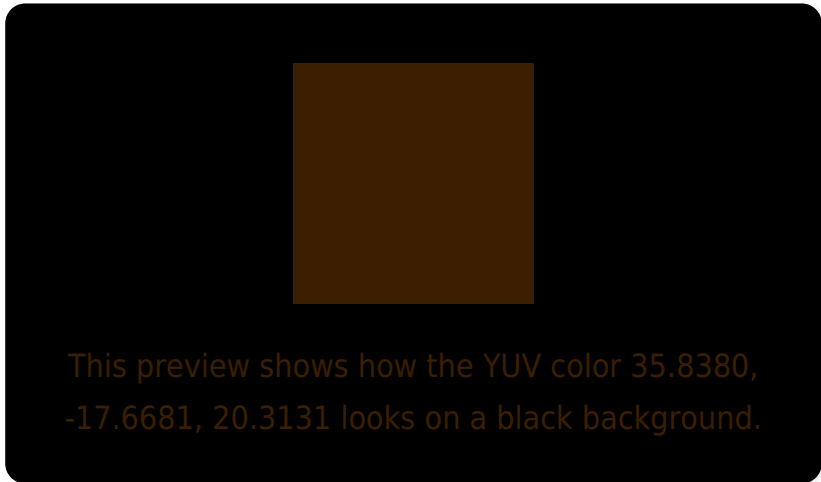
Large Text (above 18pt) WCAG AA ✓ Pass

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

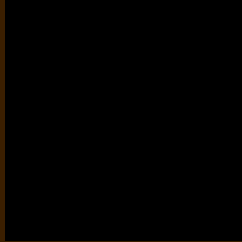
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.8380, -17.6681, 20.3131

Background



This preview shows how black text looks on a background with the YUV color 35.8380, -17.6681, 20.3131.

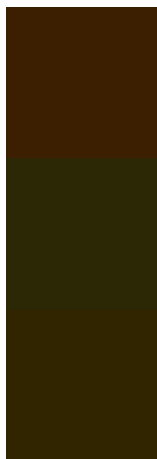


This preview shows how white text looks on a background with the YUV color 35.8380, -17.6681,

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

35.8380, -17.6681, 20.3131

Protanopia

36.6190, -15.5882, 6.4731

Deuteranopia

36.3700, -17.9304, 11.0765



Tritanopia

38.4970, -3.6960, 18.8581

Trichromacy



Original Color

35.8380, -17.6681, 20.3131

Protanomaly

36.1250, -16.3306, 11.2914

Deuteranomaly

36.3920, -17.9413, 14.5652

Tritanomaly

37.8300, -8.7902, 19.4431

Monochromacy



Original Color

35.8380, -17.6681, 20.3131

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7360, -6.2788, 7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.8380, -17.6681, 20.3131 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(59, 31, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 31, 0)  
}
```

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(59, 31, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 31, 0) }
```

Border

The CSS property to change the border of an element to YUV 35.8380, -17.6681, 20.3131 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(59, 31, 0) }
```


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

```
.border{ border-color:rgb(59, 31, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 31, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 31, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 31, 0); box-shadow:4px  
4px 4px 4px rgb(59, 31, 0) }
```

Background

The CSS property to change the background color of an element to YUV 35.8380, -17.6681, 20.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 31, 0) }
```

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

```
.background{ background-color: rgb(59, 31,  
0) }
```

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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