

Converting Colors

YUV(36.1800, -16.3577,
20.0131)

Have a look what the booklet for
YUV(36.1800, -16.3577, 20.0131)
contains.

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Color

**YUV(36.1800, -16.3577,
20.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1F03
RGB	59, 31, 3
RGB Percent	23%, 12%, 1%
CMY	0.7686, 0.8784, 0.9882
CMYK	0.00, 0.47, 0.95, 0.77
HSL	30°, 90%, 12%
HSV	30°, 95%, 23%
XYZ	2.3101, 1.9164, 0.3343
YIQ	36.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

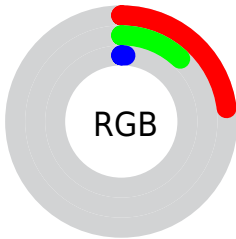
Format	Color
R _Y B	59, 59, 3
Decimal	3874563
CIE Lab	15.04, 11.03, 21.15
CIE LCh	15, 23.856, 62.460
Yxy	1.9164, 0.5065, 0.4202
Android (android.graphics.Color)	4282064643 (0xFF3B1F03)
YUV	36.1800, -16.3577, 20.0131
Hunter-Lab	13.8432, 5.5610, 8.2585

Details

The YUV color **36.1800, -16.3577, 20.0131** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25.8200, 16.3577, -20.0131**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.2020, -16.3686, 23.5018**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.6640, -17.0894, 21.3427**, and if you desaturate by 10%, it is **38.6250, -14.6051, 17.8689**.

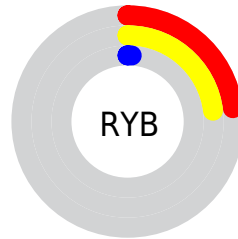
Distribution



Red (23%)

Green (12%)

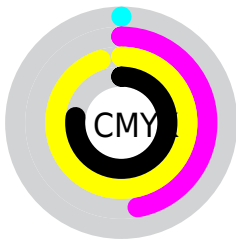
Blue (1%)



Red (23%)

Yellow (23%)

Blue (1%)

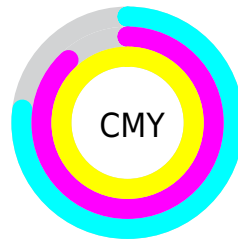


Cyan (0%)

Magenta (47%)

Yellow (95%)

Black (77%)



Cyan (77%)

Magenta (88%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1800, -16.3577, 20.0131 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 36.1800, -16.3577, 20.0131 by changing the saturation by 10% instead.

■ 36.1800, -16.3577,
20.0131

■ 36.1800, -16.3577,
20.0131

■ 252.0360,
-11.3567, 2.5994

■ 16.0470, -7.9112,
17.4988

■ 82.2020, -16.3686,
23.5018

■ 0.0000, 0.0000,
0.0000

■ 106.6860,
-17.1002, 24.8314


■ 132.1700,
-17.8318, 26.1609


■ 158.6540,
-18.5634, 27.4904


■ 186.0240,
-19.7318, 28.9200


■ 213.6220,


-20.0266, 30.1495


 235.3430,
-16.9311, 17.2392


 36.1800, -16.3577,
20.0131


 36.1800, -16.3577,
20.0131


 34.6640, -17.0894,
21.3427

 38.6250, -14.6051,
17.8689

 41.0700, -12.8525,
15.7246

 43.5150, -11.0999,
13.5803

 45.9600, -9.3473,
11.4361

 48.4050, -7.5947,
9.2918

■ 50.7360, -6.2788,
7.2475

■ 53.1810, -4.5262,
5.1033

■ 55.6260, -2.7736,
2.9590

■ 58.0710, -1.0210,
0.8147

Harmonies

Analogous

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



37.1020, -7.9383, 26.2205



36.1800, -16.3577, 20.0131



35.4730, -17.4882, 9.2322

Triad

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



36.1800, -16.3577, 20.0131



31.4480, 3.7231, -27.5799



38.8550, 13.3825, 1.0042

Complementary

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



36.1800, -16.3577, 20.0131



25.8200, 16.3577, -20.0131

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.



30.9870, 19.7264, -27.1756



36.1800, -16.3577, 20.0131



32.6850, 11.0013, -28.6647

Square

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



36.1800, -16.3577, 20.0131



29.4070, -4.1447, -24.0359



32.8790, 16.8217, -28.8349



39.0590, 7.3659, 17.4883

Rectangle

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



36.1800, -16.3577, 20.0131



34.5320, -17.0243, 0.4104



32.8790, 16.8217, -28.8349



37.3810, 15.5882, -6.4731

Sweetspot

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



36.1800, -16.3577, 20.0131



68.0350, -6.4263, 7.8623



22.9360, 3.9756, 31.6281



32.9960, -3.9420, 4.3885



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.



36.1800, -16.3577, 20.0131



45.3290, -22.3472, 27.7755



52.6160, -24.4607, 5.5988



29.4840, -0.7316, 1.3295



55.6950, -27.4576, 33.5935



131.5350, -64.8468, 79.3378

Inverse Universe

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



25.8200, 16.3577, -20.0131



31.0840, 22.6366, -27.2607



9.3840, 24.4607, -5.5988



28.9290, 1.0210, -0.8147



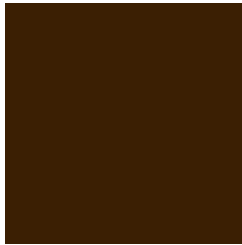
38.3050, 27.4576, -33.5935



90.4650, 64.8468, -79.3378

Previews

White Background



This preview shows how the YUV color 36.1800, -16.3577, 20.0131 looks on a white background.

Color Contrast Check

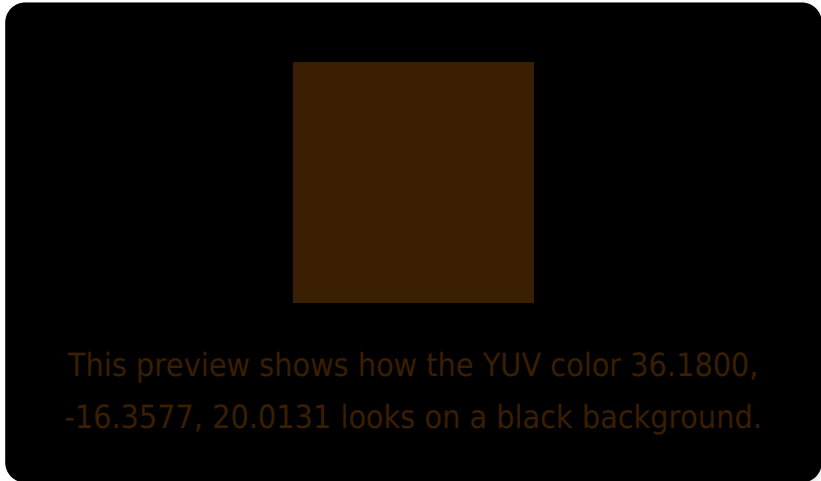
Large Text (above 18pt) WCAG AA ✓ Pass

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

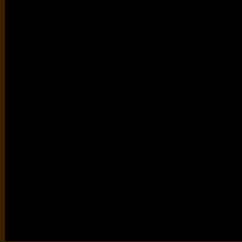
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.1800, -16.3577, 20.0131

Background



This preview shows how black text looks on a background with the YUV color 36.1800, -16.3577, 20.0131.

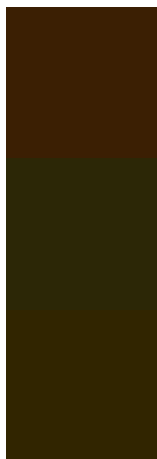


This preview shows how white text looks on a background with the YUV color 36.1800, -16.3577,

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

36.1800, -16.3577, 20.0131

Protanopia

36.7330, -15.1514, 6.3732

Deuteranopia

36.3700, -17.9304, 11.0765



Tritanopia

38.4970, -3.6960, 18.8581

Trichromacy



Original Color

36.1800, -16.3577, 20.0131

Protanomaly

36.3530, -15.4570, 11.0914

Deuteranomaly

36.5060, -17.5045, 14.4652

Tritanomaly

37.9440, -8.3534, 19.3431

Monochromacy



Original Color

36.1800, -16.3577, 20.0131

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8500, -5.8420, 7.1476

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1800, -16.3577, 20.0131 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(59, 31, 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(59, 31, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 31, 3) }
```

Border

The CSS property to change the border of an element to YUV 36.1800, -16.3577, 20.0131 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, 3) }
```


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

```
.border{ border-color:rgb(59, 31, 3) }
```

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, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 31, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 31, 3); box-shadow:4px  
4px 4px 4px rgb(59, 31, 3) }
```

Background

The CSS property to change the background color of an element to YUV 36.1800, -16.3577, 20.0131 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, 3) }
```

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

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