

Converting Colors

YUV(36.5280, -17.5153,
17.9539)

Have a look what the booklet for
YUV(36.5280, -17.5153, 17.9539)
contains.

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Color

**YUV(36.5280, -17.5153,
17.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	392101
RGB	57, 33, 1
RGB Percent	22%, 13%, 0%
CMY	0.7765, 0.8706, 0.9961
CMYK	0.00, 0.42, 0.98, 0.78
HSL	34°, 97%, 11%
HSV	34°, 98%, 22%
XYZ	2.2367, 1.9598, 0.2891
YIQ	36.5280, 24.5760, -4.8640

Conversions

Conversions Part 2

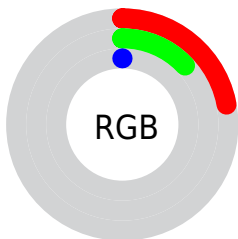
Format	Color
R_{YB}	43, 57, 1
Decimal	3744001
CIE Lab	15.27, 8.48, 22.20
CIE LCh	15, 23.764, 69.100
Yxy	1.9598, 0.4986, 0.4369
Android (android.graphics.Color)	4281934081 (0xFF392101)
YUV	36.5280, -17.5153, 17.9539
Hunter-Lab	13.9991, 4.0209, 8.5750

Details

The YUV color **36.5280, -17.5153, 17.9539** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.4720, 17.5153, -17.9539**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.3650, -16.9419, 20.7279**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.4140, -17.9521, 18.0539**, and if you desaturate by 10%, it is **38.3860, -15.4733, 16.3245**.

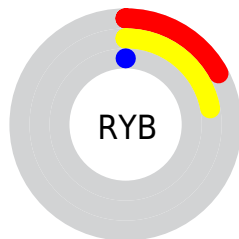
Distribution



Red (22%)

Green (13%)

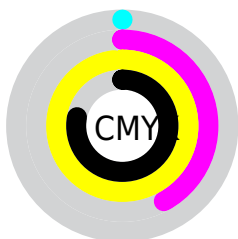
Blue (0%)



Red (17%)

Yellow (22%)

Blue (0%)

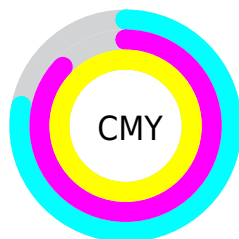


Cyan (0%)

Magenta (42%)

Yellow (98%)

Black (78%)



Cyan (78%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.5280, -17.5153, 17.9539 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 36.5280, -17.5153, 17.9539 by changing the saturation by 10% instead.

 36.5280, -17.5153,
17.9539

 36.5280, -17.5153,
17.9539


 251.8080,
-12.2303, 2.7994


 17.2100, -8.4845,
14.7248

 82.3650, -16.9419,
20.7279

 0.0000, 0.0000,
0.0000

 107.0340,
-18.2578, 22.7722


 132.5180,
-18.9894, 24.1017


 158.7030,
-19.5736, 24.8165


 186.1870,
-20.3052, 26.1460


 213.4860,


-20.4526, 26.7608


 236.2890,
-18.3835, 16.4095


 36.5280, -17.5153,
17.9539


 36.5280, -17.5153,
17.9539


 36.4140, -17.9521,
18.0539

 38.3860, -15.4733,
16.3245

 40.7170, -14.1575,
14.2802

 42.5750, -12.1155,
12.6507

 45.0200, -10.3629,
10.5065

 46.8780, -8.3209,
8.8770

■ 49.2090, -7.0050,
6.8327

■ 51.0670, -4.9630,
5.2032

■ 53.5120, -3.2104,
3.0590

■ 55.2560, -1.6052,
1.5295

Harmonies

Analogous

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



37.0480, -9.3907, 25.3909



36.5280, -17.5153, 17.9539



35.7500, -17.6247, 6.3582

Triad

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



36.5280, -17.5153, 17.9539



31.9040, 5.4703, -27.9798



39.8340, 11.9138, 5.4076

Complementary

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



36.5280, -17.5153, 17.9539



21.4720, 17.5153, -17.9539

Split Complementary

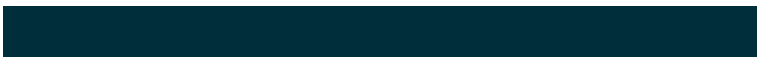
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.2870, 18.0995, -18.6687



36.5280, -17.5153, 17.9539



33.7280, 12.4591, -29.5795

Square

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



36.5280, -17.5153, 17.9539



29.3790, -1.6658, -25.7654



33.1070, 17.6952, -29.0348



39.0270, 5.9027, 20.1473

Rectangle

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



36.5280, -17.5153, 17.9539



34.2650, -15.4136, -2.8634



33.1070, 17.6952, -29.0348



38.7730, 14.4089, -1.5549

Sweetspot

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



36.5280, -17.5153, 17.9539



66.3230, -6.5682, 6.7327



20.4800, 2.2284, 32.0280



33.5830, -4.2314, 3.8737



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.



36.5280, -17.5153, 17.9539



46.7800, -23.0625, 23.8719



49.4200, -23.8711, 3.1397



27.0710, -1.0210, 0.8147



58.0320, -28.6098, 29.7899



138.8560, -68.4560, 70.2863

Inverse Universe

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



21.4720, 17.5153, -17.9539



27.2200, 23.0625, -23.8719



8.5800, 23.8711, -3.1397



25.9290, 1.0210, -0.8147



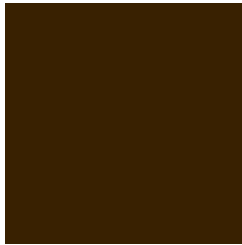
33.3810, 28.8992, -29.2751



80.1440, 68.4560, -70.2863

Previews

White Background



This preview shows how the YUV color 36.5280, -17.5153, 17.9539 looks on a white background.

Color Contrast Check

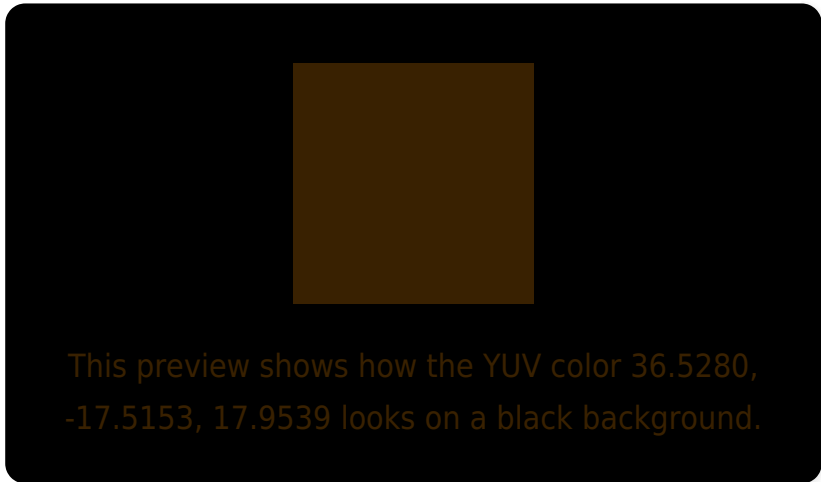
Large Text (above 18pt) WCAG AA ✓ Pass

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

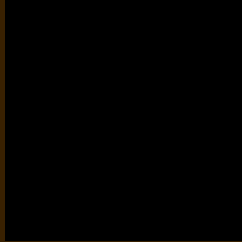
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.5280, -17.5153, 17.9539

Background



This preview shows how black text looks on a background with the YUV color 36.5280, -17.5153, 17.9539.

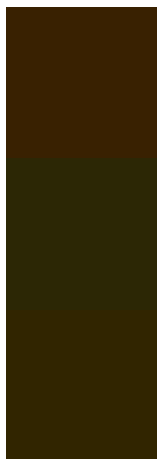


This preview shows how white text looks on a background with the YUV color 36.5280, -17.5153, 17.9539.

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

36.5280, -17.5153, 17.9539

Protanopia

36.6190, -15.5882, 6.4731

Deuteranopia

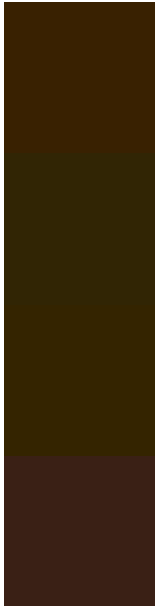
36.3700, -17.9304, 11.0765



Tritanopia

39.3010, -3.1064, 16.3990

Trichromacy



Original Color

36.5280, -17.5153, 17.9539

Protanomaly

36.8260, -16.1832, 10.6766

Deuteranomaly

36.6800, -18.0832, 13.4356

Tritanomaly

38.5200, -8.6374, 17.0840

Monochromacy



Original Color

36.5280, -17.5153, 17.9539

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0240, -6.4208, 6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.5280, -17.5153, 17.9539 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(57, 33, 1)` looks like.

```
.text, #text, p{  
    color:rgb(57, 33, 1)  
}
```

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(57, 33, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 33, 1) }
```

Border

The CSS property to change the border of an element to YUV 36.5280, -17.5153, 17.9539 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(57, 33, 1) }
```


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

```
.border{ border-color:rgb(57, 33, 1) }
```

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

Here you see how a box with a 4 pixel rgb(57, 33, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 33, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 33, 1); box-shadow:4px  
4px 4px 4px rgb(57, 33, 1) }
```

Background

The CSS property to change the background color of an element to YUV 36.5280, -17.5153, 17.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 33, 1) }
```

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

```
.background{ background-color: rgb(57, 33,  
1) }
```

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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