

Converting Colors

YUV(36.8180, -17.1653,
45.7636)

Have a look what the booklet for
YUV(36.8180, -17.1653, 45.7636)
contains.

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Color

**YUV(36.8180, -17.1653,
45.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	591102
RGB	89, 17, 2
RGB Percent	35%, 7%, 1%
CMY	0.6510, 0.9333, 0.9922
CMYK	0.00, 0.81, 0.98, 0.65
HSL	10°, 96%, 18%
HSV	10°, 98%, 35%
XYZ	4.3312, 2.5291, 0.3173
YIQ	36.8180, 47.7270, 10.5990

Conversions

Conversions Part 2

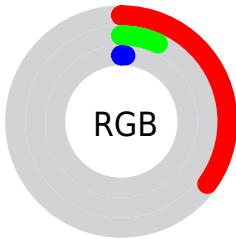
Format	Color
R_{YB}	89, 20, 2
Decimal	5837058
CIE Lab	18.05, 31.83, 26.58
CIE LCh	18, 41.466, 39.870
Yxy	2.5291, 0.6034, 0.3524
Android (android.graphics.Color)	4284027138 (0xFF591102)
YUV	36.8180, -17.1653, 45.7636
Hunter-Lab	15.9032, 20.7837, 9.9492

Details

The YUV color **36.8180, -17.1653, 45.7636** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **54.1820, 17.1653, -45.7636**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.5690, -19.5075, 50.3670**, and **11.1770, -5.0173, 22.6468** is the 20% darker color. If you saturate the color by 10%, you get **35.4160, -17.4601, 46.9932**, and if you desaturate by 10%, it is **41.9530, -15.2598, 41.2602**.

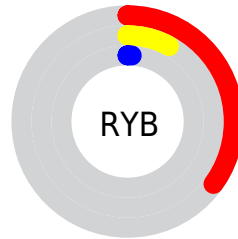
Distribution



Red (35%)

Green (7%)

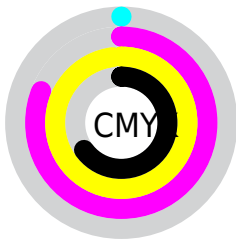
Blue (1%)



Red (35%)

Yellow (8%)

Blue (1%)

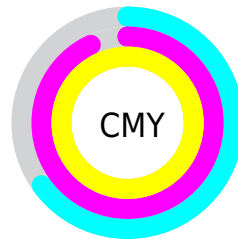


Cyan (0%)

Magenta (81%)

Yellow (98%)

Black (65%)



Cyan (65%)

Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8180, -17.1653, 45.7636 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 36.8180, -17.1653, 45.7636 by changing the saturation by 10% instead.

■ 36.8180, -17.1653,
45.7636

■ 36.8180, -17.1653,
45.7636

■ 251.3350,
-11.5042, 3.2142

■ 18.5380, -9.1392,
38.1162

■ 87.5690, -19.5075,
50.3670

■ 11.1770, -5.0173,
22.6468

■ 113.2380,
-20.8233, 52.4113

■ 0.0000, 0.0000,
0.0000


■ 139.6190,
-21.9972, 55.5851


■ 166.7010,
-23.0236, 58.1442


■ 191.9780,
-23.1602, 55.2703


■ 211.4920,


-19.4696, 38.1565


 231.0060,
-15.7790, 21.0427


 36.8180, -17.1653,
45.7636


 36.8180, -17.1653,
45.7636


 35.4160, -17.4601,
46.9932

 41.9530, -15.2598,
41.2602

 47.6750, -13.6438,
36.2420

 52.8100, -11.7383,
31.7386

 57.9450, -9.8329,
27.2352

 63.6670, -8.2168,
22.2170

■ 68.6880, -6.7482,
17.8136

■ 74.4100, -5.1321,
12.7954

■ 79.5450, -3.2267,
8.2920

■ 84.6800, -1.3212,
3.7886

Harmonies

Analogous

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



32.5090, 1.7211, 54.8046



36.8180, -17.1653, 45.7636



42.0730, -20.7420, 26.2460

Triad

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



36.8180, -17.1653, 45.7636



34.7930, -6.3069, -30.5135



38.2710, 32.4044, -33.5637

Complementary

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



36.8180, -17.1653, 45.7636



54.1820, 17.1653, -45.7636

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.



42.6250, 28.7789, -37.3821



36.8180, -17.1653, 45.7636



39.6150, 7.0918, -34.7424

Square

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



36.8180, -17.1653, 45.7636



34.4110, -16.9646, -18.7774



42.2200, 19.6115, -37.0269



44.7280, 22.8121, 9.8855

Rectangle

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



36.8180, -17.1653, 45.7636



41.9850, -20.6986, 12.2912



42.2200, 19.6115, -37.0269



40.1460, 31.9730, -35.2080

Sweetspot

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



36.8180, -17.1653, 45.7636



94.6880, -6.7482, 17.8136



36.2210, 18.6250, 46.2872



46.6270, -4.2531, 10.8511



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



36.8180, -17.1653, 45.7636



46.1250, -22.7396, 60.4034



62.0590, -29.6091, 23.6273



40.7830, -0.8790, 1.9443



42.5590, -20.9816, 56.5148



93.7450, -46.2163, 123.8806

Inverse Universe

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



54.1820, 17.1653, -45.7636



68.8750, 22.7396, -60.4034



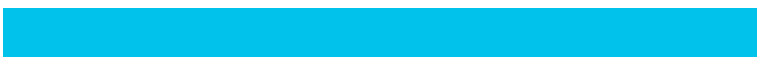
28.9410, 29.6091, -23.6273



41.8040, 0.5896, -2.4591



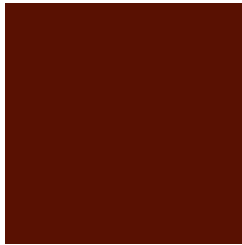
64.4410, 20.9816, -56.5148



140.6680, 46.5057, -123.3658

Previews

White Background



This preview shows how the YUV color 36.8180, -17.1653, 45.7636 looks on a white background.

Color Contrast Check

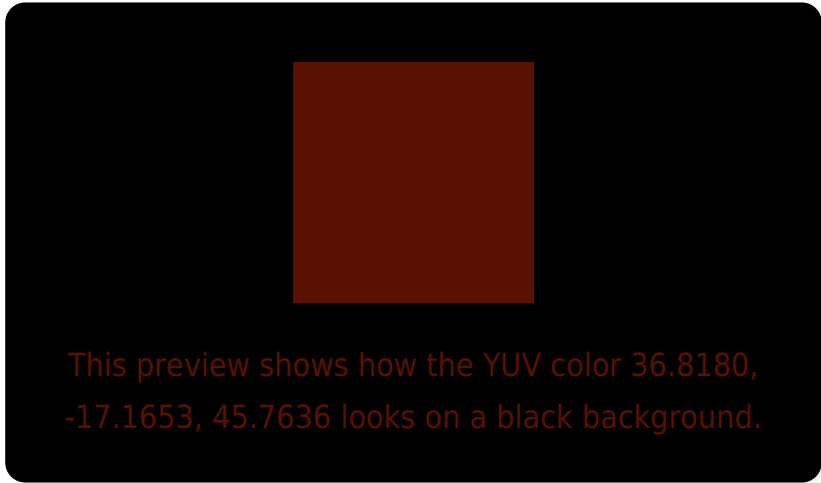
Large Text (above 18pt) WCAG AA ✓ Pass

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

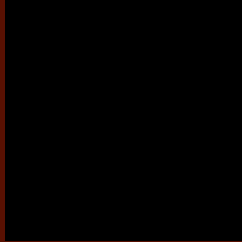
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8180, -17.1653, 45.7636

Background



This preview shows how black text looks on a background with the YUV color 36.8180, -17.1653, 45.7636.



This preview shows how white text looks on a background with the YUV color 36.8180, -17.1653,

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

36.8180, -17.1653, 45.7636

Protanopia

44.3910, -16.4618, 6.6731

Deuteranopia

43.4690, -21.4302, 13.6207



Tritanopia

37.8270, -10.7607, 44.8787

Trichromacy



Original Color

36.8180, -17.1653, 45.7636

Protanomaly

41.4790, -16.5051, 20.6279

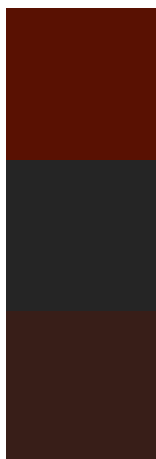
Deuteranomaly

41.0020, -19.7210, 25.4312

Tritanomaly

37.2570, -12.9447, 45.3786

Monochromacy



Original Color

36.8180, -17.1653, 45.7636

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0900, -6.4534, 16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8180, -17.1653, 45.7636 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(89, 17, 2)` looks like.

```
.text, #text, p{  
    color:rgb(89, 17, 2)  
}
```

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(89, 17, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 17, 2) }
```

Border

The CSS property to change the border of an element to YUV 36.8180, -17.1653, 45.7636 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(89, 17, 2) }
```


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

```
.border{ border-color:rgb(89, 17, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 17, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 17, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 17, 2); box-shadow:4px  
4px 4px 4px rgb(89, 17, 2) }
```

Background

The CSS property to change the background color of an element to YUV 36.8180, -17.1653, 45.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 17, 2) }
```

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

```
.background{ background-color: rgb(89, 17,  
2) }
```

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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