

Converting Colors

YUV(36.4800, 5.6794, 45.1830)

Have a look what the booklet for
YUV(36.4800, 5.6794, 45.1830)
contains.

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Color

**YUV(36.4800, 5.6794,
45.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	580830
RGB	88, 8, 48
RGB Percent	35%, 3%, 19%
CMY	0.6549, 0.9686, 0.8118
CMYK	0.00, 0.91, 0.45, 0.65
HSL	330°, 83%, 19%
HSV	330°, 91%, 35%
XYZ	4.6448, 2.4618, 3.0267
YIQ	36.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

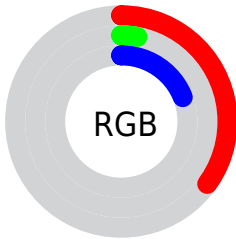
Format	Color
R_{YB}	88, 8, 48
Decimal	5769264
CIE Lab	17.74, 37.35, -2.40
CIE LCh	18, 37.427, 356.317
Yxy	2.4618, 0.4584, 0.2429
Android (android.graphics.Color)	4283959344 (0xFF580830)
YUV	36.4800, 5.6794, 45.1830
Hunter-Lab	15.6900, 25.3851, -0.4542

Details

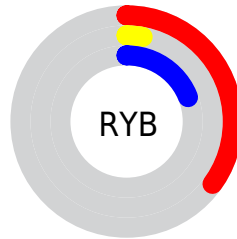
The YUV color **36.4800, 5.6794, 45.1830** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **59.5200, -5.6794, -45.1830**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.5680, 2.1850, 45.9829**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **31.3280, 6.2473, 49.7013**, and if you desaturate by 10%, it is **42.2190, 4.8220, 40.1499**.

Distribution



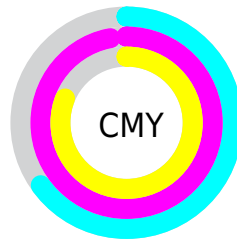
- Red (35%)
- Green (3%)
- Blue (19%)



- Red (35%)
- Yellow (3%)
- Blue (19%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)
- Black (65%)





- Cyan (65%)
- Magenta (97%)
- Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.4800, 5.6794, 45.1830 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 36.4800, 5.6794, 45.1830 by changing the saturation by 10% instead.


 36.4800, 5.6794,
45.1830


 36.4800, 5.6794,
45.1830

 252.6520, 1.1576,
2.0592

 21.6160, 2.6543,
35.4168


 89.5680, 2.1850,
45.9829

 12.3730, -5.6069,
25.1059

 115.1660, 1.8902,
47.2124

 0.0000, 0.0000,
0.0000


 141.9490, 1.0111,
49.1567


 168.6610, 1.1531,
50.2863


 196.2590, 0.8583,
51.5159

 215.8870, 4.9857,


34.3021


 235.5150, 9.1131,
17.0883


 36.4800, 5.6794,
45.1830

 36.4800, 5.6794,
45.1830

 31.3280, 6.2473,
49.7013

 42.2190, 4.8220,
40.1499

 48.0720, 4.4015,
35.0169

 53.2240, 3.8336,
30.4986

 59.0770, 3.4130,
25.3655

 64.8160, 2.5557,
20.3324

■ 70.5550, 1.6984,
15.2993

■ 76.4080, 1.2779,
10.1662

■ 81.5600, 0.7099,
5.6479

■ 87.4130, 0.2894,
0.5148

Harmonies

Analogous

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



43.4650, 15.0538, 25.0252



36.4800, 5.6794, 45.1830



36.9240, -7.8505, 44.7937

Triad

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



36.4800, 5.6794, 45.1830



38.6300, -19.0446, -4.9375



41.1430, 23.1005, -36.0824

Complementary

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



36.4800, 5.6794, 45.1830



59.5200, -5.6794, -45.1830

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.



39.9230, 13.3490, -35.0125



36.4800, 5.6794, 45.1830



32.1370, -11.4065, -28.1841

Square

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



36.4800, 5.6794, 45.1830



41.4090, -20.4146, 14.5503



36.7310, 1.1186, -32.2131



39.3480, 28.9154, -34.5082

Rectangle

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



36.4800, 5.6794, 45.1830



38.6060, -19.0328, 38.0565



36.7310, 1.1186, -32.2131



41.0460, 20.1903, -35.9973

Sweetspot

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



36.4800, 5.6794, 45.1830



94.9790, 1.9824, 17.5584



29.0800, 29.0476, 16.5928



46.7070, 1.1304, 10.7810



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.



36.4800, 5.6794, 45.1830



40.8830, 7.9457, 65.0006



31.9200, -11.7926, 49.1822



40.4240, 0.2840, 2.2592



38.1490, 7.8145, 60.3823



83.6030, 16.4647, 132.7752

Inverse Universe

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



36.4800, 5.6794, 45.1830



40.8830, 7.9457, 65.0006



64.0800, 11.7926, -49.1822



40.4240, 0.2840, 2.2592



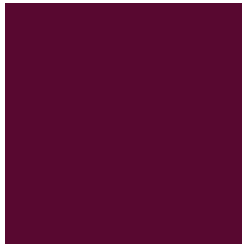
38.1490, 7.8145, 60.3823



83.6030, 16.4647, 132.7752

Previews

White Background



This preview shows how the YUV color 36.4800, 5.6794, 45.1830 looks on a white background.

Color Contrast Check

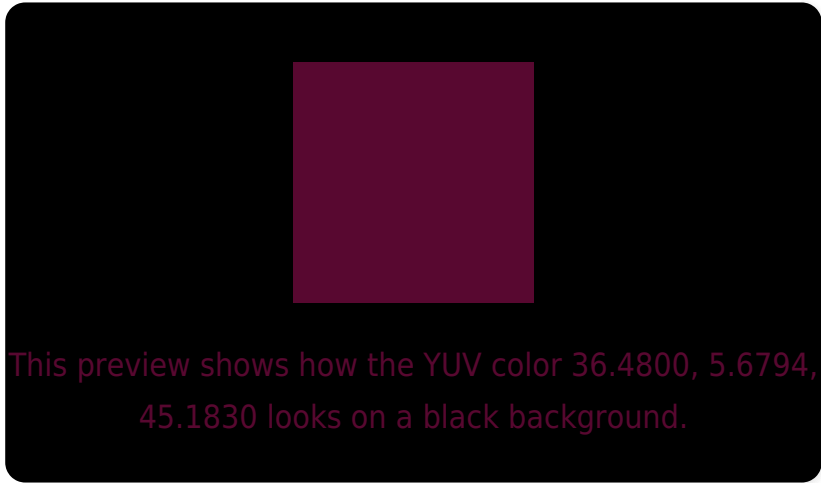
Large Text (above 18pt) WCAG AA ✓ Pass

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

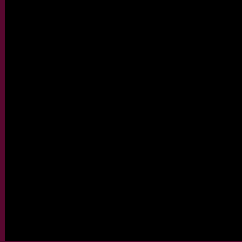
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.4800, 5.6794, 45.1830

Background



This preview shows how black text looks on a background with the YUV color 36.4800, 5.6794, 45.1830.



This preview shows how white text looks on a background with the YUV color 36.4800, 5.6794,

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

36.4800, 5.6794, 45.1830

Protanopia

46.4150, 10.6414, -6.5030

Deuteranopia

46.9790, -1.4686, 4.4034



Tritanopia

40.1470, -9.4395, 41.0901

Trichromacy



Original Color

36.4800, 5.6794, 45.1830

Protanomaly

42.7810, 8.9820, 12.4701

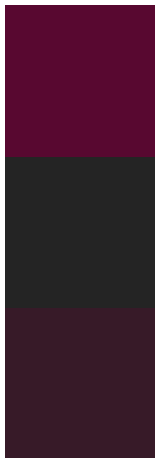
Deuteranomaly

43.3490, 0.8139, 18.9879

Tritanomaly

38.9390, -3.9139, 42.1495

Monochromacy



Original Color

36.4800, 5.6794, 45.1830

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.2670, 1.8404, 16.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.4800, 5.6794, 45.1830 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(88, 8, 48)` looks like.

```
.text, #text, p{  
    color:rgb(88, 8, 48)  
}
```

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(88, 8, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 8, 48) }
```

Border

The CSS property to change the border of an element to YUV 36.4800, 5.6794, 45.1830 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(88, 8, 48) }
```


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

```
.border{ border-color:rgb(88, 8, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 8, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 8, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 8, 48); box-shadow:4px  
4px 4px 4px rgb(88, 8, 48) }
```

Background

The CSS property to change the background color of an element to YUV 36.4800, 5.6794, 45.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 8, 48) }
```

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

```
.background{ background-color: rgb(88, 8,  
48) }
```

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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