

Converting Colors

YUV(57.6780, -24.9843,
33.6084)

Have a look what the booklet for
YUV(57.6780, -24.9843, 33.6084)
contains.

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Color

**YUV(57.6780, -24.9843,
33.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	603007
RGB	96, 48, 7
RGB Percent	38%, 19%, 3%
CMY	0.6235, 0.8118, 0.9725
CMYK	0.00, 0.50, 0.93, 0.62
HSL	28°, 86%, 20%
HSV	28°, 93%, 38%
XYZ	5.9192, 4.6160, 0.7800
YIQ	57.6780, 41.7690, -2.5750

Conversions

Conversions Part 2

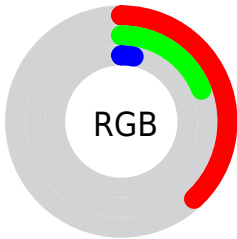
Format	Color
R_YB	96, 83, 7
Decimal	6303751
CIE Lab	25.61, 18.83, 33.00
CIE LCh	26, 37.994, 60.294
Yxy	4.6160, 0.5231, 0.4079
Android (android.graphics.Color)	4284493831 (0xFF603007)
YUV	57.6780, -24.9843, 33.6084
Hunter-Lab	21.4850, 11.5786, 12.8869

Details

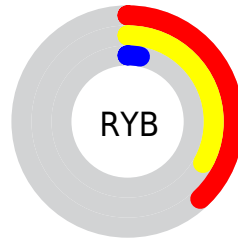
The YUV color **57.6780, -24.9843, 33.6084** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **45.3220, 24.9843, -33.6084**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9560, -26.6003, 38.6266**, and **15.5040, -7.6435, 24.9910** is the 20% darker color. If you saturate the color by 10%, you get **54.5320, -26.8843, 36.3674**, and if you desaturate by 10%, it is **61.7530, -22.0632, 30.0346**.

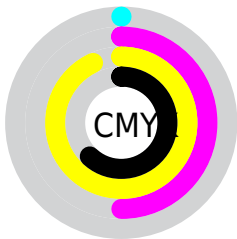
Distribution



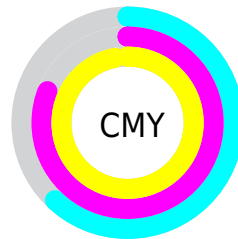
- Red (38%)
- Green (19%)
- Blue (3%)



- Red (38%)
- Yellow (33%)
- Blue (3%)



- Cyan (0%)
- Magenta (50%)
- Yellow (93%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.6780, -24.9843, 33.6084 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 57.6780, -24.9843, 33.6084 by changing the saturation by 10% instead.

■ 57.6780, -24.9843,
33.6084

■ 57.6780, -24.9843,
33.6084

■ 252.8340, -8.2992,
1.8996

■ 36.1920, -17.8427,
29.6496

■ 106.9560,
-26.6003, 38.6266

■ 15.5040, -7.6435,
24.9910

■ 133.0380,
-27.6267, 41.1857

■ 0.0000, 0.0000,
0.0000

■ 159.4080,
-28.7951, 42.6152

■ 186.4900,
-29.8216, 45.1743

■ 211.0870,
-28.6369, 38.5117

■ 230.6010,

-24.9463, 21.3979

■ 249.5280,
-20.9663, 4.7989

■ 57.6780, -24.9843,
33.6084

■ 57.6780, -24.9843,
33.6084

■ 54.5320, -26.8843,
36.3674

■ 61.7530, -22.0632,
30.0346

■ 65.7140, -19.5790,
26.5608

■ 70.3760, -16.9474,
22.4722

■ 74.3370, -14.4631,
18.9985

■ 78.4120, -11.5421,
15.4247

■ 82.4870, -8.6211,
11.8509

■ 86.4480, -6.1369,
8.3771

■ 90.5230, -3.2158,
4.8033

■ 95.0710, -1.0210,
0.8147

Harmonies

Analogous

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



57.1970, -11.9291, 46.3082



57.6780, -24.9843, 33.6084



56.7590, -27.9822, 15.1204

Triad

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



57.6780, -24.9843, 33.6084



50.2780, 4.7929, -44.0938



61.4060, 24.4498, -2.1101

Complementary

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



57.6780, -24.9843, 33.6084



45.3220, 24.9843, -33.6084

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.



51.1340, 33.4579, -44.8445



57.6780, -24.9843, 33.6084



53.5840, 17.4601, -46.9932

Square

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



57.6780, -24.9843, 33.6084



45.6840, -7.7322, -40.0649



54.3310, 27.9378, -47.6483



61.5580, 14.0219, 29.3286

Rectangle

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



57.6780, -24.9843, 33.6084



54.8990, -27.0652, 0.9656



54.3310, 27.9378, -47.6483



58.5290, 27.8402, -16.2499

Sweetspot

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



57.6780, -24.9843, 33.6084



109.8570, -9.7895, 13.2804



39.1970, 8.2839, 49.8162



54.4480, -6.1369, 8.3771



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



57.6780, -24.9843, 33.6084



71.4210, -35.2106, 46.9888



83.5060, -37.7175, 10.9572



46.3700, -1.1684, 1.4295



64.0120, -31.5579, 42.0855



136.3300, -67.2107, 90.9186

Inverse Universe

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



45.3220, 24.9843, -33.6084



53.5790, 35.2106, -46.9888



19.4940, 37.7175, -10.9572



45.6300, 1.1684, -1.4295



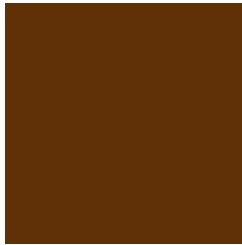
48.5750, 31.2685, -42.6003



103.0830, 67.5001, -90.4038

Previews

White Background



This preview shows how the YUV color 57.6780, -24.9843, 33.6084 looks on a white background.

Color Contrast Check

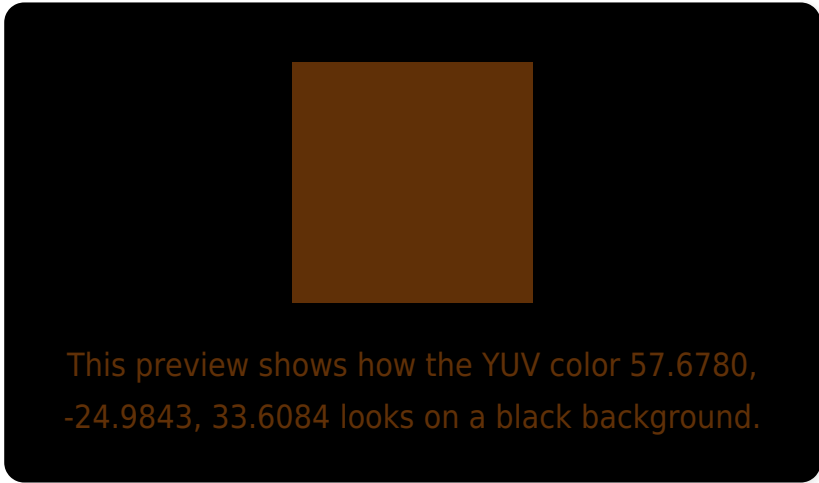
Large Text (above 18pt) WCAG AA ✓ Pass

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

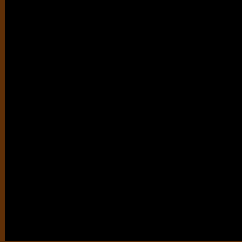
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.6780, -24.9843, 33.6084

Background



This preview shows how black text looks on a background with the YUV color 57.6780, -24.9843, 33.6084.



This preview shows how white text looks on a background with the YUV color 57.6780, -24.9843,

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

57.6780, -24.9843, 33.6084

Protanopia

58.2790, -23.3085, 9.4023

Deuteranopia

57.3680, -28.2824, 18.0943



Tritanopia

60.8900, -6.3548, 31.6685

Trichromacy



Original Color

57.6780, -24.9843, 33.6084

Protanomaly

58.2200, -23.7725, 18.2241

Deuteranomaly

57.4550, -26.8463, 24.1570

Tritanomaly

59.7670, -13.1961, 32.6533

Monochromacy



Original Color

57.6780, -24.9843, 33.6084

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6720, -9.2053, 12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.6780, -24.9843, 33.6084 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(96, 48, 7)` looks like.

```
.text, #text, p{  
    color:rgb(96, 48, 7)  
}
```

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(96, 48, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 48, 7) }
```

Border

The CSS property to change the border of an element to YUV 57.6780, -24.9843, 33.6084 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(96, 48, 7) }
```


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

```
.border{ border-color:rgb(96, 48, 7) }
```

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

Here you see how a box with a 4 pixel rgb(96, 48, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 48, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 48, 7); box-shadow:4px  
4px 4px 4px rgb(96, 48, 7) }
```

Background

The CSS property to change the background color of an element to YUV 57.6780, -24.9843, 33.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 48, 7) }
```

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

```
.background{ background-color: rgb(96, 48,  
7) }
```

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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