

# Converting Colors

YUV(28.3480, 5.7444, 24.2508)

Have a look what the booklet for  
YUV(28.3480, 5.7444, 24.2508)  
contains.

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# Color

**YUV(28.3480, 5.7444,  
24.2508)**

# Conversions

## Conversions Part 1

Format	Color
Hex	380C28
RGB	56, 12, 40
RGB Percent	22%, 5%, 16%
CMY	0.7804, 0.9529, 0.8431
CMYK	0.00, 0.79, 0.29, 0.78
HSL	322°, 65%, 13%
HSV	322°, 79%, 22%
XYZ	2.1454, 1.2569, 2.1370
YIQ	28.3480, 17.2360, 18.0360

# Conversions

## Conversions Part 2

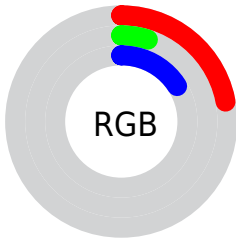
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 12, 40
Decimal	3673128
CIELab	10.97, 25.05, -7.45
CIELCh	11, 26.136, 343.444
Yxy	1.2569, 0.3873, 0.2269
Android (android.graphics.Color)	4281863208 (0xFF380C28)
YUV	28.3480, 5.7444, 24.2508
Hunter-Lab	11.2111, 14.5382, -3.4538

# Details

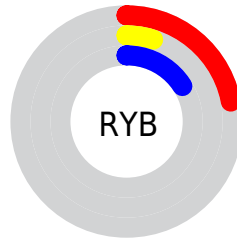
The YUV color **28.3480, 5.7444, 24.2508** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.6520, -5.7444, -24.2508**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.1310, 4.8654, 26.1951**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.5980, 6.6072, 27.5396**, and if you desaturate by 10%, it is **32.0980, 4.8817, 20.9621**.

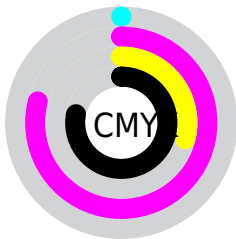
# Distribution



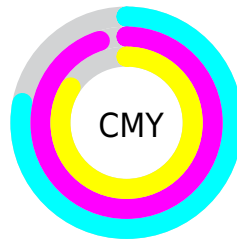
- Red (22%)
- Green (5%)
- Blue (16%)



- Red (22%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (29%)
- Black (78%)



- Cyan (78%)
- Magenta (95%)
- Yellow (84%)

# Brightness & Saturation Gradients


These gradients show how the YUV color 28.3480, 5.7444, 24.2508 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 28.3480, 5.7444, 24.2508 by changing the saturation by 10% instead.




 28.3480, 5.7444,  
24.2508


 28.3480, 5.7444,  
24.2508


 246.7820, 4.0515,  
7.2072


 13.3430, 3.2819,  
20.7472

 75.1310, 4.8654,  
26.1951

 0.0000, 0.0000,  
0.0000

 99.1420, 4.8600,  
27.9395


 124.5550, 5.1494,  
28.4543

 151.1530, 4.8546,  
29.6838

 177.8650, 4.9966,  
30.8134

 205.2780, 5.2859,


31.3282

 229.0920, 7.3496,  
22.7213


 28.3480, 5.7444,  
24.2508

 28.3480, 5.7444,  
24.2508


 24.5980, 6.6072,  
27.5396

 32.0980, 4.8817,  
20.9621


 21.4350, 7.1805,  
30.3135

 35.2610, 4.3083,  
18.1881

 20.8480, 7.4699,  
30.8283

 39.0110, 3.4456,  
14.8994

 42.1740, 2.8722,  
12.1254

 45.9240, 2.0095,  
8.8367

■ 49.6740, 1.1467,  
5.5479

■ 52.8370, 0.5734,  
2.7740

■ 56.5870, -0.2894,  
-0.5148

■ 59.7500, -0.8628,  
-3.2887

# Harmonies

## Analogous

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



30.5570, 12.0504, 8.2815



28.3480, 5.7444, 24.2508



26.6170, -2.2762, 30.1539

# Triad

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



28.3480, 5.7444, 24.2508



27.4660, -13.5407, 3.0993



27.8750, 12.8796, -24.4464

# Complementary

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



28.3480, 5.7444, 24.2508



39.6520, -5.7444, -24.2508

# 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.



26.5240, 5.1647, -23.2615



28.3480, 5.7444, 24.2508



24.4320, -12.0450, -10.0259

# Square

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



28.3480, 5.7444, 24.2508



28.4290, -14.0155, 15.4098



23.7710, -2.8451, -20.8472



27.2540, 18.1158, -23.9018



# Rectangle

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



28.3480, 5.7444, 24.2508



26.5430, -10.1277, 28.4648



23.7710, -2.8451, -20.8472



27.3050, 10.6956, -23.9465

# Sweetspot

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



28.3480, 5.7444, 24.2508



62.6360, 2.1515, 9.9662



21.5010, 17.0080, 4.8226



31.0870, 1.4361, 6.0627



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.



28.3480, 5.7444, 24.2508



30.0600, 9.3374, 38.5354



25.9540, -3.4283, 26.3503



26.1250, 0.4314, 1.6444



34.1200, 11.7728, 50.7608



81.4410, 28.8696, 120.6392



# Inverse Universe

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



28.3480, 5.7444, 24.2508



30.0600, 9.3374, 38.5354



42.0460, 3.4283, -26.3503



26.1250, 0.4314, 1.6444



34.1200, 11.7728, 50.7608

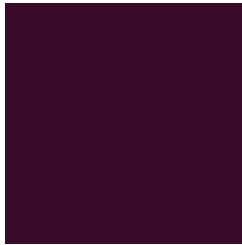


81.4410, 28.8696, 120.6392



# Previews

## White Background



This preview shows how the YUV color 28.3480, 5.7444, 24.2508 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

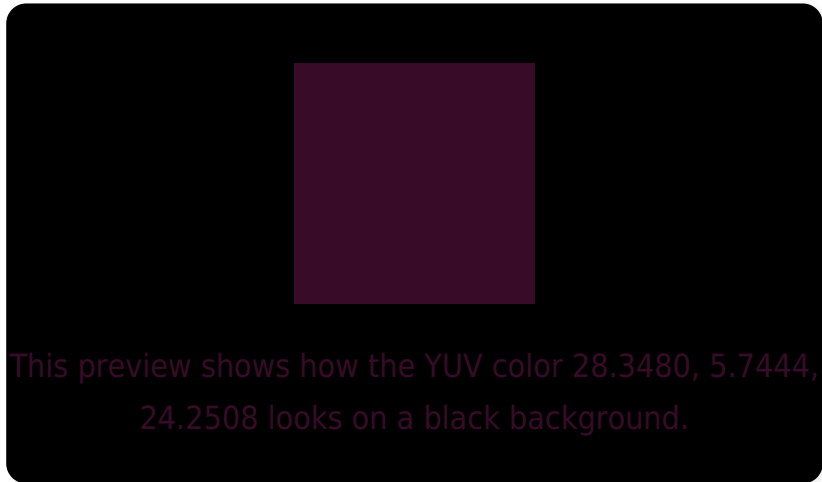
Any Text WCAG AA ✓ Pass

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

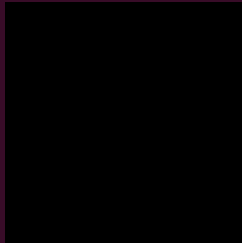
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 28.3480, 5.7444, 24.2508

## Background



This preview shows how black text looks on a background with the YUV color 28.3480, 5.7444, 24.2508.



This preview shows how white text looks on a background with the YUV color 28.3480, 5.7444,



# 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

28.3480, 5.7444, 24.2508

### Protanopia

30.6320, 11.5204, -8.4473

### Deuteranopia

31.7980, 3.0576, -0.6998



## Tritanopia

29.5790, -4.7224, 21.4172

# Trichromacy



## Original Color

28.3480, 5.7444, 24.2508

## Protanomaly

29.8400, 9.4459, 3.6483

## Deuteranomaly

30.4940, 4.1935, 8.3368

## Tritanomaly

28.9150, -0.9441, 22.8765

# Monochromacy



## Original Color

28.3480, 5.7444, 24.2508

## Achromatopsia

28.0000, 0.0000, 0.0000

## Achromatomaly

27.9240, 2.0095, 8.8367

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 28.3480, 5.7444, 24.2508 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(56, 12, 40)` looks like.

```
.text, #text, p{  
    color:rgb(56, 12, 40)  
}
```

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(56, 12, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 12, 40) }
```

## Border

The CSS property to change the border of an element to YUV 28.3480, 5.7444, 24.2508 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(56, 12, 40) }
```



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

```
.border{ border-color:rgb(56, 12, 40) }
```

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

Here you see how a box with a 4 pixel rgb(56, 12, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 12, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 12, 40);  
box-shadow:4px 4px 4px 4px rgb(56, 12, 40)  
}
```

# Background

The CSS property to change the background color of an element to YUV 28.3480, 5.7444, 24.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 12, 40) }
```

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

```
.background{ background-color: rgb(56, 12,  
40) }
```

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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