

# Converting Colors

YUV(44.3580, 64.4065, 15.4720)

Have a look what the booklet for  
YUV(44.3580, 64.4065, 15.4720)  
contains.

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# Color

**YUV(44.3580, 64.4065,  
15.4720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E0AAF
RGB	62, 10, 175
RGB Percent	24%, 4%, 69%
CMY	0.7569, 0.9608, 0.3137
CMYK	0.65, 0.94, 0.00, 0.31
HSL	259°, 89%, 36%
HSV	259°, 94%, 69%
XYZ	9.8330, 4.3364, 40.8762
YIQ	44.3580, -21.9730, 62.3390

# Conversions

## Conversions Part 2

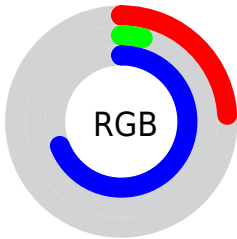
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 10, 175
Decimal	4065967
CIE <sub>Lab</sub>	24.75, 59.06, -74.01
CIE <sub>LCh</sub>	25, 94.689, 308.588
Yxy	4.3364, 0.1786, 0.0788
Android (android.graphics.Color)	4282256047 (0xFF3E0AAF)
YUV	44.3580, 64.4065, 15.4720
Hunter-Lab	20.8239, 47.8454, -101.8061

# Details

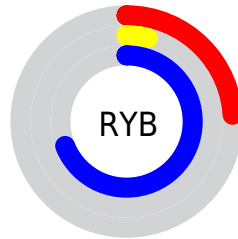
The YUV color **44.3580, 64.4065, 15.4720** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **140.6420, -64.4065, -15.4720**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7390, 63.2327, 18.6459**, and **13.7940, 52.8526, -12.0973** is the 20% darker color. If you saturate the color by 10%, you get **36.3950, 68.3323, 16.3166**, and if you desaturate by 10%, it is **57.9250, 57.7180, 14.0978**.

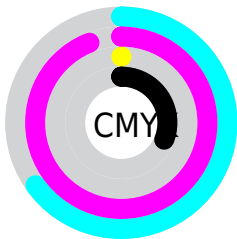
# Distribution



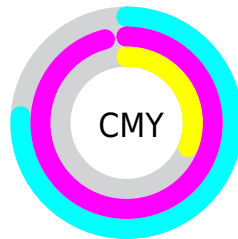
- Red (24%)
- Green (4%)
- Blue (69%)



- Red (24%)
- Yellow (4%)
- Blue (69%)



- Cyan (65%)
- Magenta (94%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (96%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 44.3580, 64.4065, 15.4720 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 44.3580, 64.4065, 15.4720 by changing the saturation by 10% instead.



■ 44.3580, 64.4065,  
15.4720

■ 44.3580, 64.4065,  
15.4720

■ 255.0000, 0.0000,  
0.0000

■ 21.9550, 62.1402,  
-4.3455

■ 103.7390, 63.2327,  
18.6459

■ 13.7940, 52.8526,  
-12.0973

■ 130.5930, 61.3327,  
21.4049

■ 10.8300, 41.4958,  
-9.4979

■ 155.4120, 49.0969,  
25.9487

■ 12.6760, 28.2607,  
-11.1169

■ 180.2310, 36.8611,  
30.4924

■ 7.7060, 19.3719,  
-6.7582

■ 205.3490, 24.4779,  
35.6509


■ 3.4370, 10.6306,  
-3.0142


■ 224.4760, 15.0483,


■ 0.0000, 0.0000,


26.7695


0.0000


 241.4990, 6.6560,  
11.8404


 44.3580, 64.4065,  
15.4720


 44.3580, 64.4065,  
15.4720

 36.3950, 68.3323,  
16.3166

 57.9250, 57.7180,  
14.0978

 72.0790, 50.7401,  
12.2087

 85.6460, 44.0515,  
10.8345

 99.8000, 37.0736,  
8.9454

 113.9540, 30.0957,  
7.0563

■ 127.5210, 23.4071,  
5.6821

■ 141.6750, 16.4292,  
3.7930

■ 155.2420, 9.7407,  
2.4188

■ 169.3960, 2.7628,  
0.5297

# Harmonies

## Analogous

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



63.0410, 71.4648, -55.2870



44.3580, 64.4065, 15.4720



58.0310, 27.0997, 81.5338

# Triad

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



44.3580, 64.4065, 15.4720



51.0980, -25.1913, 53.4111



56.5530, 11.0664, -49.5970

# Complementary

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



44.3580, 64.4065, 15.4720



140.6420, -64.4065, -15.4720

# 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.



46.3730, -22.8619, -40.6691



44.3580, 64.4065, 15.4720



53.1270, -26.1916, 0.7656

# Square

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



44.3580, 64.4065, 15.4720



45.7470, -22.5533, 94.0609



44.0250, -21.7043, -38.6099



65.7070, 41.0634, -57.6250



# Rectangle

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



44.3580, 64.4065, 15.4720



57.7560, 4.0643, 96.6840



44.0250, -21.7043, -38.6099



53.1160, 0.4358, -46.5827

# Sweetspot

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



44.3580, 64.4065, 15.4720



176.2760, 25.0069, 5.8969



96.3150, 38.7917, -75.6983



84.0340, 15.2662, 3.4782



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



44.3580, 64.4065, 15.4720



47.4060, 88.5398, 21.5689



68.2780, 52.6139, 64.6542



79.9230, 3.4890, 0.9445



31.1530, 58.5916, 13.8978



4.7150, 9.0145, 2.0039



# Inverse Universe

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



72.2170, 25.0360, 90.1407



85.5430, 34.2423, 124.0578



116.7220, -52.6139, -64.6542



81.3750, 1.2941, 4.9331



56.5920, 22.8791, 81.9188

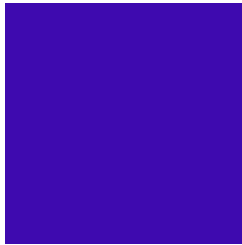


8.7010, 3.5984, 12.5402



# Previews

## White Background



This preview shows how the YUV color 44.3580, 64.4065, 15.4720 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

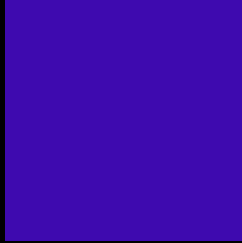
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 44.3580, 64.4065, 15.4720 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

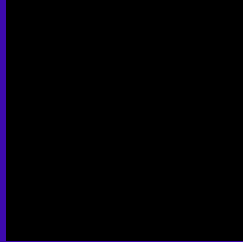
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 44.3580, 64.4065, 15.4720

## Background



This preview shows how black text looks on a background with the YUV color 44.3580, 64.4065, 15.4720.



This preview shows how white text looks on a background with the YUV color 44.3580, 64.4065,



# 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

44.3580, 64.4065, 15.4720

### Protanopia

47.9540, 36.5047, -42.0557

### Deuteranopia

48.2500, 27.4847, -42.3152



## Tritanopia

47.5370, 12.0603, -41.6899

# Trichromacy



## Original Color

44.3580, 64.4065, 15.4720

## Protanomaly

47.0180, 46.3331, -21.0638

## Deuteranomaly

46.9380, 40.9496, -20.9936

## Tritanomaly

46.3050, 30.9086, -20.4385

# Monochromacy



## Original Color

44.3580, 64.4065, 15.4720

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

44.5210, 23.4071, 5.6821

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 44.3580, 64.4065, 15.4720 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(62, 10, 175)` looks like.

```
.text, #text, p{  
    color:rgb(62, 10, 175)  
}
```

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(62, 10, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 10, 175) }
```

## Border

The CSS property to change the border of an element to YUV 44.3580, 64.4065, 15.4720 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(62, 10, 175) }
```



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

```
.border{ border-color:rgb(62, 10, 175) }
```

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

Here you see how a box with a 4 pixel rgb(62, 10, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 10, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 10, 175);  
box-shadow:4px 4px 4px 4px rgb(62, 10,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 44.3580, 64.4065, 15.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 10, 175) }
```

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

```
.background{ background-color: rgb(62, 10,  
175) }
```

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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