

# Converting Colors

YUV(24.2360, 45.7327,  
-15.1160)

Have a look what the booklet for  
YUV(24.2360, 45.7327, -15.1160)  
contains.

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# Color

**YUV(24.2360, 45.7327,  
-15.1160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	070F75
RGB	7, 15, 117
RGB Percent	3%, 6%, 46%
CMY	0.9725, 0.9412, 0.5412
CMYK	0.94, 0.87, 0.00, 0.54
HSL	236°, 89%, 24%
HSV	236°, 94%, 46%
XYZ	3.4693, 1.6712, 16.9693
YIQ	24.2360, -37.5100, 30.0260

# Conversions

## Conversions Part 2

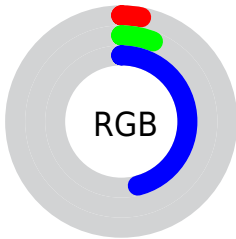
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	7, 14, 117
Decimal	462709
CIE Lab	13.66, 38.03, -56.50
CIE LCh	14, 68.101, 303.943
Yxy	1.6712, 0.1569, 0.0756
Android (android.graphics.Color)	4278652789 (0xFF070F75)
YUV	24.2360, 45.7327, -15.1160
Hunter-Lab	12.9274, 25.2813, -68.7788

# Details

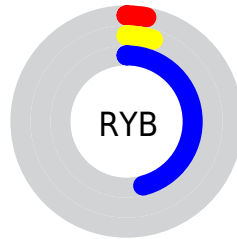
The YUV color **24.2360, 45.7327, -15.1160** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **99.7640, -45.7327, 15.1160**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.5200, 45.0996, 1.2980**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **18.6210, 48.5008, -16.3306**, and if you desaturate by 10%, it is **34.2810, 40.7805, -13.4014**.

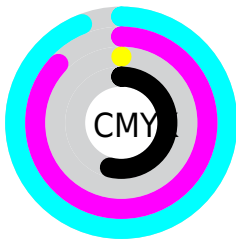
# Distribution



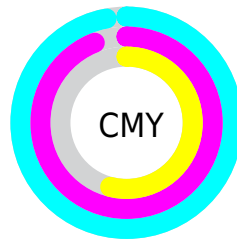
- Red (3%)
- Green (6%)
- Blue (46%)



- Red (3%)
- Yellow (5%)
- Blue (46%)



- Cyan (94%)
- Magenta (87%)
- Yellow (0%)
- Black (54%)



- Cyan (97%)
- Magenta (94%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 24.2360, 45.7327, -15.1160 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 24.2360, 45.7327, -15.1160 by changing the saturation by 10% instead.



■ 24.2360, 45.7327,  
-15.1160

■ 24.2360, 45.7327,  
-15.1160

■ 249.1300, 2.8939,  
5.1480

■ 10.4880, 40.1854,  
-9.1980

■ 78.5200, 45.0996,  
1.2980

■ 7.6380, 29.2655,  
-6.6985

■ 104.1720, 46.2572,  
3.3572

■ 6.7770, 18.3509,  
-5.9434

■ 130.5250, 47.5622,  
4.8016

■ 3.0950, 9.3202,  
-2.7143


■ 157.0630, 48.2829,  
6.9607


■ 0.0000, 0.0000,  
0.0000


■ 181.5830, 36.1946,  
10.8897


■ 206.1030, 24.1062,


14.8187


 231.5090, 11.5811,  
18.8476


 24.2360, 45.7327,  
-15.1160


 24.2360, 45.7327,  
-15.1160


 18.6210, 48.5008,  
-16.3306

 34.2810, 40.7805,  
-13.4014

 44.0270, 35.9757,  
-12.3017

 54.0720, 31.0235,  
-10.5871

 63.5300, 26.3607,  
-8.3578

 73.5750, 21.4085,  
-6.6433

■ 83.3210, 16.6037,  
-5.5435

■ 93.3660, 11.6516,  
-3.8290

■ 103.4110, 6.6994,  
-2.1144

■ 113.1570, 1.8946,  
-1.0147

# Harmonies

## Analogous

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



40.6310, 46.5239, -35.6334



24.2360, 45.7327, -15.1160



36.1010, 20.6562, 48.1464

# Triad

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



24.2360, 45.7327, -15.1160



27.1210, -13.3707, 41.9899



33.9100, 3.0024, -29.7391

# Complementary

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



24.2360, 45.7327, -15.1160



99.7640, -45.7327, 15.1160

# 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.



29.3500, -14.4695, -25.7399



24.2360, 45.7327, -15.1160



32.7930, -16.1669, 5.4435

# Square

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



24.2360, 45.7327, -15.1160



29.9000, -14.7407, 61.4777



26.4150, -13.0226, -23.1660



40.5560, 23.3899, -35.5676



# Rectangle

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



24.2360, 45.7327, -15.1160



37.0520, 4.9044, 60.4674



26.4150, -13.0226, -23.1660



31.9720, -4.4232, -28.0394

# Sweetspot

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



24.2360, 45.7327, -15.1160



116.6630, 17.9141, -5.8435



83.0840, 12.2836, -66.7257



54.2520, 11.2148, -3.7290



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



24.2360, 45.7327, -15.1160



23.8990, 63.6468, -20.9594



33.2940, 41.2671, 17.2822



53.6840, 2.6208, -0.5999



19.1910, 50.6848, -16.8305



39.0660, 103.9905, -34.2609



# Inverse Universe

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



40.8020, -12.7204, 66.8256



47.0010, -17.7485, 92.9611



90.7060, -41.2671, -17.2822



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030

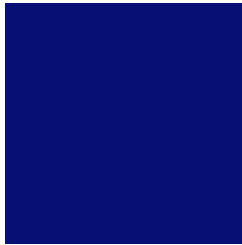


76.8020, -28.9894, 151.8946



# Previews

## White Background



This preview shows how the YUV color 24.2360, 45.7327, -15.1160 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

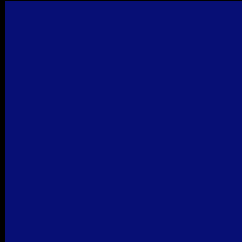
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 24.2360, 45.7327, -15.1160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

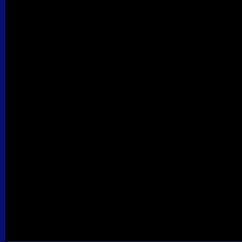
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 24.2360, 45.7327, -15.1160

## Background



This preview shows how black text looks on a background with the YUV color 24.2360, 45.7327, -15.1160.



This preview shows how white text looks on a background with the YUV color 24.2360, 45.7327,

-15.1160.

# 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

24.2360, 45.7327, -15.1160

### Protanopia

29.6820, 22.3418, -26.0311

### Deuteranopia

29.6020, 16.9582, -25.9610



## Tritanopia

28.9690, 6.9173, -25.4058

# Trichromacy



## Original Color

24.2360, 45.7327, -15.1160

## Protanomaly

27.5930, 30.7667, -21.5681

## Deuteranomaly

27.9690, 27.1303, -21.8978

## Tritanomaly

27.6610, 20.8731, -21.6277

# Monochromacy



## Original Color

24.2360, 45.7327, -15.1160

## Achromatopsia

24.0000, 0.0000, 0.0000

## Achromatomaly

24.3210, 16.6037, -5.5435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 24.2360, 45.7327, -15.1160 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(7, 15, 117)` looks like.

```
.text, #text, p{  
    color:rgb(7, 15, 117)  
}
```

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(7, 15, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 15, 117) }
```

## Border

The CSS property to change the border of an element to YUV 24.2360, 45.7327, -15.1160 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(7, 15, 117) }
```



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

```
.border{ border-color:rgb(7, 15, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 15, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 15, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 15, 117);  
box-shadow:4px 4px 4px 4px rgb(7, 15, 117)  
}
```

# Background

The CSS property to change the background color of an element to YUV 24.2360, 45.7327, -15.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 15, 117) }
```

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

```
.background{ background-color: rgb(7, 15,  
117) }
```

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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