

# Converting Colors

YUV(103.9360, 43.9086,  
-36.7779)

Have a look what the booklet for  
YUV(103.9360, 43.9086, -36.7779)  
contains.

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# Color

**YUV(103.9360, 43.9086,  
-36.7779)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E6CC1
RGB	62, 108, 193
RGB Percent	24%, 42%, 76%
CMY	0.7569, 0.5765, 0.2431
CMYK	0.68, 0.44, 0.00, 0.24
HSL	219°, 51%, 50%
HSV	219°, 68%, 76%
XYZ	16.9748, 15.5995, 52.5684
YIQ	103.9360, -54.7010, 16.6830

# Conversions

## Conversions Part 2

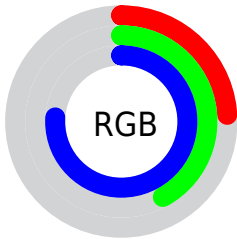
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 96, 193
Decimal	4091073
CIE <sub>Lab</sub>	46.44, 12.42, -49.24
CIE <sub>LCh</sub>	46, 50.777, 284.154
Yxy	15.5995, 0.1994, 0.1832
Android (android.graphics.Color)	4282281153 (0xFF3E6CC1)
YUV	103.9360, 43.9086, -36.7779
Hunter-Lab	39.4962, 7.5979, -51.2661

# Details

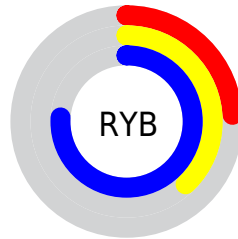
The YUV color **103.9360, 43.9086, -36.7779** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **151.0640, -43.9086, 36.7779**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6100, 45.0553, -31.2300**, and **51.6530, 43.0621, -45.2997** is the 20% darker color. If you saturate the color by 10%, you get **90.6240, 50.4714, -41.7662**, and if you desaturate by 10%, it is **117.2480, 37.3457, -31.7895**.

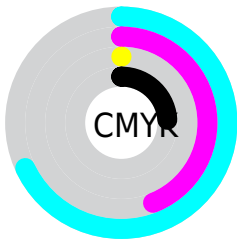
# Distribution



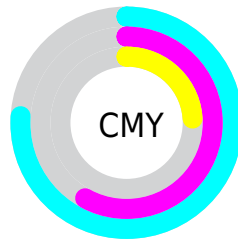
- Red (24%)
- Green (42%)
- Blue (76%)



- Red (24%)
- Yellow (38%)
- Blue (76%)



- Cyan (68%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (58%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.9360, 43.9086, -36.7779 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 103.9360, 43.9086, -36.7779 by changing the saturation by 10% instead.



■ 103.9360, 43.9086,  
-36.7779

■ 103.9360, 43.9086,  
-36.7779

■ 255.0000, 0.0000,  
0.0000

■ 74.3970, 44.6673,  
-46.8292

■ 158.6100, 45.0553,  
-31.2300

■ 51.6530, 43.0621,  
-45.2997

■ 183.7000, 35.1509,  
-27.8009

■ 36.3620, 37.7825,  
-31.8895

■ 208.2200, 23.0625,  
-23.8719

■ 22.3590, 32.3610,  
-19.6088

■ 234.2130, 10.2480,  
-20.3578

■ 11.4050, 25.9293,  
-10.0022

■ 250.8140, 2.0637,  
-8.6069

■ 6.4350, 17.0405,  
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 103.9360, 43.9086,  
-36.7779

■ 103.9360, 43.9086,  
-36.7779

■ 90.6240, 50.4714,  
-41.7662

■ 117.2480, 37.3457,  
-31.7895

■ 77.6000, 56.8922,  
-47.8842

■ 130.2720, 30.9249,  
-25.6715

■ 64.2880, 63.4550,  
-52.8726

■ 143.5840, 24.3621,  
-20.6832

■ 61.9180, 64.6234,  
-54.3021

■ 156.3090, 18.0887,  
-15.1800

■ 169.9200, 11.3784,  
-9.5768

■ 182.6450, 5.1050,  
-4.0737

■ 195.9570, -1.4578,  
0.9147

■ 208.6820, -7.7312,  
6.4179

■ 222.2930,  
-14.4414, 12.0210

# Harmonies

## Analogous

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



92.9150, 48.8489, -81.4865



103.9360, 43.9086, -36.7779



113.7000, 28.7419, 21.3111

# Triad

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



103.9360, 43.9086, -36.7779



106.9850, -27.1076, 61.4032



85.4130, -0.2036, -74.9072

# Complementary

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



103.9360, 43.9086, -36.7779



151.0640, -43.9086, 36.7779

# 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.



96.9400, -26.0994, -28.8884



103.9360, 43.9086, -36.7779



105.8300, -42.3142, 38.7371

# Square

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



103.9360, 43.9086, -36.7779



106.9040, -7.3477, 70.2442



102.1870, -43.9692, 9.4830



91.1300, 19.1629, -79.9210



# Rectangle

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



103.9360, 43.9086, -36.7779



111.7050, 17.8934, 47.6167



102.1870, -43.9692, 9.4830



82.6430, -5.7400, -72.4779

# Sweetspot

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



103.9360, 43.9086, -36.7779



215.6790, 16.9203, -13.7505



148.3590, -1.6560, -75.7368



104.2900, 10.2100, -8.1473



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



103.9360, 43.9086, -36.7779



112.4060, 67.8338, -57.3611



82.0170, 54.7146, -2.6459



90.4880, 3.2104, -3.0590



51.2260, 54.1186, -44.9252



10.8060, 10.9416, -9.4769



# Inverse Universe

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



106.4130, 0.7824, 75.9368



115.9050, 1.5258, 117.6013



172.9830, -54.7146, 2.6459



90.4460, 0.2731, 5.7479



54.5230, 0.7282, 93.3803



11.2350, 0.3771, 19.0879



# Previews

## White Background



This preview shows how the YUV color 103.9360, 43.9086, -36.7779 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 × Fail



# Black Background



This preview shows how the YUV color 103.9360, 43.9086, -36.7779 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9360, 43.9086, -36.7779

## Background



This preview shows how black text looks on a background with the YUV color 103.9360, 43.9086, -36.7779.



This preview shows how white text looks on a background with the YUV color 103.9360, 43.9086, -36.7779.



# 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

103.9360, 43.9086, -36.7779

### Protanopia

105.9260, 42.4345, -30.6301

### Deuteranopia

98.7060, 45.9939, -52.3622



## Tritanopia

86.6620, 22.3516, -76.0026

# Trichromacy



## Original Color

103.9360, 43.9086, -36.7779

## Protanomaly

105.0290, 42.8767, -32.4744

## Deuteranomaly

100.5110, 45.1041, -46.9291

## Tritanomaly

93.1120, 30.0178, -61.4882

# Monochromacy



## Original Color

103.9360, 43.9086, -36.7779

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

103.7500, 15.8993, -12.9358

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.9360, 43.9086, -36.7779 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, 108, 193)` looks like.

```
.text, #text, p{  
    color:rgb(62, 108, 193)  
}
```

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, 108, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 108, 193) }
```

## Border

The CSS property to change the border of an element to YUV 103.9360, 43.9086, -36.7779 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, 108, 193) }
```



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

```
.border{ border-color:rgb(62, 108, 193) }
```

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

Here you see how a box with a 4 pixel rgb(62, 108, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 108, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 108, 193);  
box-shadow:4px 4px 4px 4px rgb(62, 108,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 103.9360, 43.9086, -36.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 108, 193) }
```

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

```
.background{ background-color: rgb(62, 108,  
193) }
```

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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