

# Converting Colors

YUV(143.9360, 47.3596,  
-23.6229)

Have a look what the booklet for  
YUV(143.9360, 47.3596, -23.6229)  
contains.

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# Color

**YUV(143.9360, 47.3596,  
-23.6229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	758BF0
RGB	117, 139, 240
RGB Percent	46%, 55%, 94%
CMY	0.5412, 0.4549, 0.0588
CMYK	0.51, 0.42, 0.00, 0.06
HSL	229°, 80%, 70%
HSV	229°, 51%, 94%
XYZ	32.2969, 28.5384, 86.2443
YIQ	143.9360, -45.5330, 26.7470

# Conversions

## Conversions Part 2

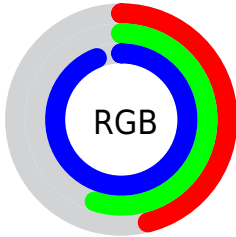
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	117, 136, 240
Decimal	7703536
CIE Lab	60.37, 19.72, -53.37
CIE LCh	60, 56.899, 290.276
Yxy	28.5384, 0.2196, 0.1940
Android (android.graphics.Color)	4285893616 (0xFF758BF0)
YUV	143.9360, 47.3596, -23.6229
Hunter-Lab	53.4214, 14.4282, -58.3238

# Details

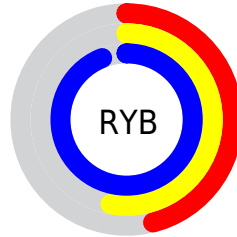
The YUV color **143.9360, 47.3596, -23.6229** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **213.0640, -47.3596, 23.6229**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0990, 30.0242, -16.7498**, and **89.5500, 46.0709, -30.3003** is the 20% darker color. If you saturate the color by 10%, you get **125.0200, 56.6851, -28.0815**, and if you desaturate by 10%, it is **162.8520, 38.0340, -19.1642**.

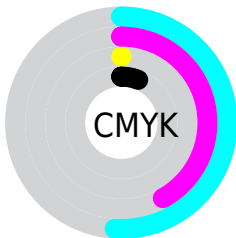
# Distribution



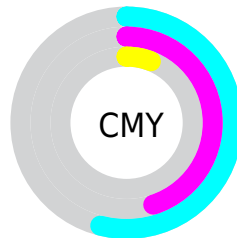
- Red (46%)
- Green (55%)
- Blue (94%)



- Red (46%)
- Yellow (53%)
- Blue (94%)



- Cyan (51%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (45%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.9360, 47.3596, -23.6229 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 143.9360, 47.3596, -23.6229 by changing the saturation by 10% instead.



■ 143.9360, 47.3596,  
-23.6229

■ 143.9360, 47.3596,  
-23.6229

■ 255.0000, 0.0000,  
0.0000

■ 116.9850, 46.3494,  
-26.2968

■ 194.0990, 30.0242,  
-16.7498

■ 89.5500, 46.0709,  
-30.3003

■ 219.5050, 17.4990,  
-12.7209

■ 58.3200, 48.1562,  
-45.8846

■ 244.9110, 4.9739,  
-8.6919

■ 41.1210, 43.3243,  
-36.0631

■ 26.5310, 38.1922,  
-23.2677

■ 9.0060, 34.5070,  
-7.8983

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,  
-4.3289

■ 0.6840, 2.6208,  
-0.5999

■ 143.9360, 47.3596,  
-23.6229

■ 143.9360, 47.3596,  
-23.6229

■ 125.0200, 56.6851,  
-28.0815

■ 162.8520, 38.0340,  
-19.1642

■ 106.6910, 65.7213,  
-33.0550

■ 181.1810, 28.9978,  
-14.1907

■ 87.7750, 75.0469,  
-37.5137

■ 200.0970, 19.6722,  
-9.7321

■ 68.8590, 84.3725,  
-41.9723

■ 219.0130, 10.3466,  
-5.2734

■ 52.6010, 92.3877,  
-46.1311

■ 237.9290, 1.0210,  
-0.8147

■ 253.2900, -6.5520,  
1.4997

# Harmonies

## Analogous

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



119.3880, 61.4337, -104.7033



143.9360, 47.3596, -23.6229



150.0160, 29.5721, 35.0660

# Triad

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



143.9360, 47.3596, -23.6229



142.3250, -36.1492, 68.1210



113.6810, 6.5663, -99.6982

# Complementary

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



143.9360, 47.3596, -23.6229



213.0640, -47.3596, 23.6229

# 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.



128.4820, -24.8876, -44.2727



143.9360, 47.3596, -23.6229



140.4790, -50.0291, 39.9219

# Square

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



143.9360, 47.3596, -23.6229



143.1460, -14.3690, 82.3100



136.1600, -46.4209, 2.4907



120.1960, 28.9904, -105.4119



# Rectangle

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



143.9360, 47.3596, -23.6229



147.7500, 16.3923, 62.4862



136.1600, -46.4209, 2.4907



111.1560, -0.5699, -97.4838

# Sweetspot

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



143.9360, 47.3596, -23.6229



225.4410, 14.5726, -7.4028



200.6010, 8.0847, -73.3181



109.9700, 8.8888, -4.3587



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



143.9360, 47.3596, -23.6229



131.4480, 60.9111, -30.2109



142.6830, 47.9773, 11.6790



110.5420, 4.6628, -2.2293



40.3470, 70.8209, -35.3843



12.2540, 21.5668, -10.7468



# Inverse Universe

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



156.2850, -8.5215, 73.4181



147.4340, -11.0600, 94.3354



214.3170, -47.9773, -11.6790



111.8160, -0.8953, 7.1774



58.7780, -12.7086, 109.8197



17.8840, -3.8868, 33.4277



# Previews

## White Background



This preview shows how the YUV color 143.9360, 47.3596, -23.6229 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

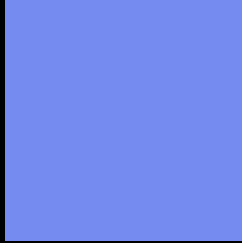
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.9360, 47.3596, -23.6229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

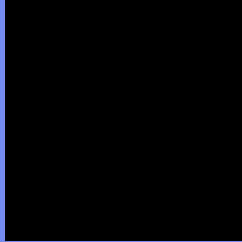
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.9360, 47.3596, -23.6229

## Background



This preview shows how black text looks on a background with the YUV color 143.9360, 47.3596, -23.6229.



This preview shows how white text looks on a background with the YUV color 143.9360, 47.3596, -23.6229.

-23.6229.

# 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

143.9360, 47.3596, -23.6229

### Protanopia

141.8530, 49.8655, -34.0741

### Deuteranopia

138.5480, 49.0298, -46.0846



## Tritanopia

137.8300, 14.3808, -39.3159

# Trichromacy



## Original Color

143.9360, 47.3596, -23.6229

## Protanomaly

142.6470, 48.9810, -30.3854

## Deuteranomaly

140.1900, 48.7133, -37.8776

## Tritanomaly

140.0770, 26.5840, -33.3935

# Monochromacy



## Original Color

143.9360, 47.3596, -23.6229

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

143.8260, 17.3408, -8.6174

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.9360, 47.3596, -23.6229 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(117, 139, 240)` looks like.

```
.text, #text, p{  
    color:rgb(117, 139, 240)  
}
```

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(117, 139, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 139, 240) }
```

## Border

The CSS property to change the border of an element to YUV 143.9360, 47.3596, -23.6229 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(117, 139, 240) }
```



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

```
.border{ border-color:rgb(117, 139, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 139, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 139, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 139, 240);  
box-shadow:4px 4px 4px 4px rgb(117, 139,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 143.9360, 47.3596, -23.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 139, 240) }
```

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

```
.background{ background-color: rgb(117,  
139, 240) }
```

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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