

# Converting Colors

YUV(100.3010, 10.2046,  
-6.4030)

Have a look what the booklet for  
YUV(100.3010, 10.2046, -6.4030)  
contains.

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# Color

**YUV(100.3010, 10.2046,  
-6.4030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6479
RGB	93, 100, 121
RGB Percent	36%, 39%, 47%
CMY	0.6353, 0.6078, 0.5255
CMYK	0.23, 0.17, 0.00, 0.53
HSL	225°, 13%, 42%
HSV	225°, 23%, 47%
XYZ	12.5226, 12.8220, 19.9040
YIQ	100.3010, -10.9130, 5.0470

# Conversions

## Conversions Part 2

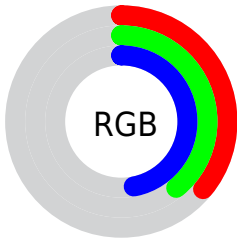
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 99, 121
Decimal	6120569
CIE Lab	42.49, 2.29, -12.66
CIE LCh	42, 12.862, 280.273
Yxy	12.8220, 0.2768, 0.2834
Android (android.graphics.Color)	4284310649 (0xFF5D6479)
YUV	100.3010, 10.2046, -6.4030
Hunter-Lab	35.8078, -0.2393, -7.8914

# Details

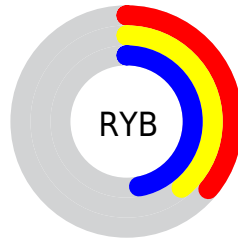
The YUV color **100.3010, 10.2046, -6.4030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.6990, -10.2046, 6.4030**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4150, 10.6414, -6.5030**, and **53.6600, 9.0416, -6.7178** is the 20% darker color. If you saturate the color by 10%, you get **91.4300, 14.5780, -9.1471**, and if you desaturate by 10%, it is **109.1720, 5.8312, -3.6588**.

# Distribution



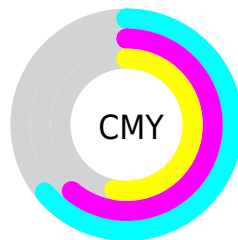
- Red (36%)
- Green (39%)
- Blue (47%)



- Red (36%)
- Yellow (39%)
- Blue (47%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (61%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.3010, 10.2046, -6.4030 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 100.3010, 10.2046, -6.4030 by changing the saturation by 10% instead.



■ 100.3010, 10.2046,  
-6.4030

■ 100.3010, 10.2046,  
-6.4030

255.0000, 0.0000,  
0.0000

■ 76.1870, 9.7678,  
-6.3030

■ 151.4150, 10.6414,  
-6.5030

■ 53.6600, 9.0416,  
-6.7178

■ 177.6430, 11.5150,  
-6.7029

■ 31.9590, 8.8942,  
-6.1030

■ 205.6430, 11.5150,  
-6.7029

■ 8.5890, 10.0626,  
-7.5326

■ 233.4150, 10.6414,  
-6.5030

■ 0.0000, 0.0000,  
0.0000

■ 100.3010, 10.2046,

■ 100.3010, 10.2046,

-6.4030

-6.4030

■ 91.4300, 14.5780,  
-9.1471

■ 109.1720, 5.8312,  
-3.6588

■ 82.5590, 18.9514,  
-11.8912

■ 118.0430, 1.4578,  
-0.9147

■ 73.6880, 23.3248,  
-14.6354

■ 126.9140, -2.9156,  
1.8294

■ 64.8170, 27.6982,  
-17.3795

■ 135.7850, -7.2890,  
4.5736

■ 55.6470, 32.2190,  
-20.7384

■ 144.6560,  
-11.6624, 7.3177

■ 46.7760, 36.5924,  
-23.4826

■ 153.8260,  
-16.1832, 10.6766

■ 37.3180, 41.2552,  
-25.7119

■ 163.2840,  
-20.8460, 12.9059

■ 31.4040, 44.1708,  
-27.5413

■ 172.1550,  
-25.2194, 15.6501

■ 181.0260,  
-29.5928, 18.3942

# Harmonies

## Analogous

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



98.0610, 10.8159, -15.8395



100.3010, 10.2046, -6.4030



101.6830, 7.5513, 4.6630

# Triad

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



100.3010, 10.2046, -6.4030



101.2750, -7.0376, 17.2988



97.0430, -1.9932, -14.0697

# Complementary

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



100.3010, 10.2046, -6.4030



113.6990, -10.2046, 6.4030

# 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.



98.4310, -7.1145, -4.7630



100.3010, 10.2046, -6.4030



100.5580, -9.6421, 12.6656

# Square

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



100.3010, 10.2046, -6.4030



102.1270, -2.5276, 17.4286



99.6880, -10.1992, 4.6586



95.9050, 3.9908, -20.0877



# Rectangle

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



100.3010, 10.2046, -6.4030



101.9180, 4.4774, 10.5959



99.6880, -10.1992, 4.6586



97.3100, -3.6038, -10.7959

# Sweetspot

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



100.3010, 10.2046, -6.4030



150.0150, 3.9366, -2.6442



111.8300, 1.0698, -16.5139



74.2710, 2.3314, -1.1147



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



100.3010, 10.2046, -6.4030



125.4730, 16.0358, -10.0618



98.2850, 11.1985, 1.5041



56.8580, 2.0420, -1.6295



32.4470, 45.6286, -28.4560



65.7090, 91.8415, -57.6268



# Inverse Universe

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



102.1700, -1.0698, 16.5139



128.4100, -1.6811, 25.9504



115.7150, -11.1985, -1.5041



57.0220, -0.0108, 3.4887



40.9090, -4.8851, 73.7478



82.5300, -9.6283, 148.6252



# Previews

## White Background



This preview shows how the YUV color 100.3010, 10.2046, -6.4030 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 100.3010, 10.2046, -6.4030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

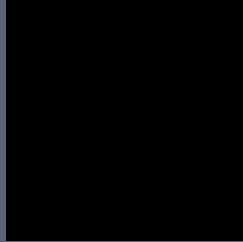
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

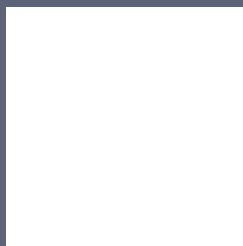
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 100.3010, 10.2046, -6.4030

## Background



This preview shows how black text looks on a background with the YUV color 100.3010, 10.2046, -6.4030.



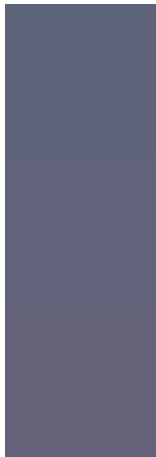
This preview shows how white text looks on a background with the YUV color 100.3010, 10.2046, -6.4030.

-6.4030.

# 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

100.3010, 10.2046, -6.4030

### Protanopia

100.6110, 10.0518, -4.0438

### Deuteranopia

100.9210, 9.8989, -1.6847



## Tritanopia

99.6230, 5.1159, -7.5624

# Trichromacy



## Original Color

100.3010, 10.2046, -6.4030

## Protanomaly

100.3120, 10.1992, -4.6586

## Deuteranomaly

100.9100, 9.9044, -3.4291

## Tritanomaly

99.7910, 7.0050, -6.8327

# Monochromacy



## Original Color

100.3010, 10.2046, -6.4030

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

100.0150, 3.9366, -2.6442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.3010, 10.2046, -6.4030 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(93, 100, 121)` looks like.

```
.text, #text, p{  
    color:rgb(93, 100, 121)  
}
```

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(93, 100, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 100, 121) }
```

## Border

The CSS property to change the border of an element to YUV 100.3010, 10.2046, -6.4030 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(93, 100, 121) }
```



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

```
.border{ border-color:rgb(93, 100, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 100, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 100, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 100, 121);  
box-shadow:4px 4px 4px 4px rgb(93, 100,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 100.3010, 10.2046, -6.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 100, 121) }
```

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

```
.background{ background-color: rgb(93, 100,  
121) }
```

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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