

# Converting Colors

YUV(10.6430, -1.7960, 16.0991)

Have a look what the booklet for  
YUV(10.6430, -1.7960, 16.0991)  
contains.

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# Color

**YUV(10.6430, -1.7960,  
16.0991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D0207
RGB	29, 2, 7
RGB Percent	11%, 1%, 3%
CMY	0.8863, 0.9922, 0.9725
CMYK	0.00, 0.93, 0.76, 0.89
HSL	349°, 87%, 6%
HSV	349°, 93%, 11%
XYZ	0.5668, 0.3200, 0.2329
YIQ	10.6430, 14.4870, 7.2790

# Conversions

## Conversions Part 2

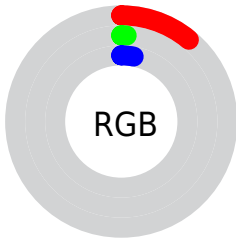
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 2, 7
Decimal	1901063
CIE Lab	2.89, 10.76, 1.65
CIE LCh	3, 10.885, 8.729
Yxy	0.3200, 0.5062, 0.2858
Android (android.graphics.Color)	4280091143 (0xFF1D0207)
YUV	10.6430, -1.7960, 16.0991
Hunter-Lab	5.6566, 7.9856, 1.5184

# Details

The YUV color **10.6430, -1.7960, 16.0991** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.3570, 1.7960, -16.0991**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.9200, -1.9326, 13.2252**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.2410, -2.0908, 17.3286**, and if you desaturate by 10%, it is **12.6320, -1.7906, 14.3547**.

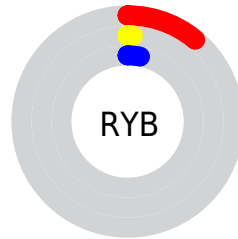
# Distribution



Red (11%)

Green (1%)

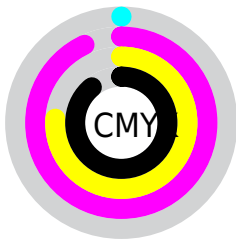
Blue (3%)



Red (11%)

Yellow (1%)

Blue (3%)

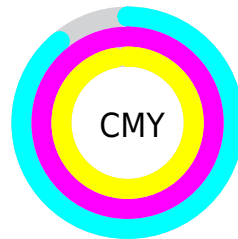


Cyan (0%)

Magenta (93%)

Yellow (76%)

Black (89%)



Cyan (89%)

Magenta (99%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 10.6430, -1.7960, 16.0991 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 10.6430, -1.7960, 16.0991 by changing the saturation by 10% instead.



■ 10.6430, -1.7960,  
16.0991

■ 10.6430, -1.7960,  
16.0991

■ 236.5290, -2.2328,  
16.1991

■ 0.0000, 0.0000,  
0.0000

■ 55.9200, -1.9326,  
13.2252

■ 78.6320, -1.7906,  
14.3547


■ 102.9310, -1.9380,  
14.9695


■ 128.2300, -2.0854,  
15.5843


■ 154.5290, -2.2328,  
16.1991


■ 180.8280, -2.3802,


16.8138


 208.8280, -2.3802,  
16.8138


 10.6430, -1.7960,  
16.0991


 10.6430, -1.7960,  
16.0991


 9.2410, -2.0908,  
17.3286

 12.6320, -1.7906,  
14.3547

 14.7350, -1.3484,  
12.5104

 16.7240, -1.3429,  
10.7661

 18.7130, -1.3375,  
9.0217

 20.8160, -0.8953,  
7.1774

■ 22.2180, -0.6005,  
5.9478

■ 24.3210, -0.1583,  
4.1035

■ 26.3100, -0.1528,  
2.3591

■ 28.2990, -0.1474,  
0.6148

# Harmonies

## Analogous

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



11.2880, 3.3090, 12.0254



10.6430, -1.7960, 16.0991



10.1330, -4.9956, 15.6694

# Triad

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



10.6430, -1.7960, 16.0991



8.8050, -4.3409, -7.7220



11.2960, 7.7421, -9.9066

# Complementary

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



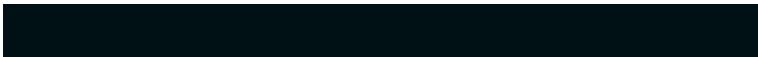
10.6430, -1.7960, 16.0991



20.3570, 1.7960, -16.0991

# 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.



12.4870, 4.6899, -10.9511



10.6430, -1.7960, 16.0991



9.9790, -4.9196, -8.7516

# Square

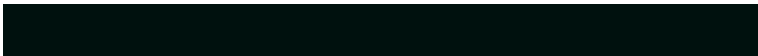
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.6430, -1.7960, 16.0991



10.0450, -4.9522, 1.7145



11.5750, 1.1955, -10.1513



9.5460, 8.6048, -6.6178



# Rectangle

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



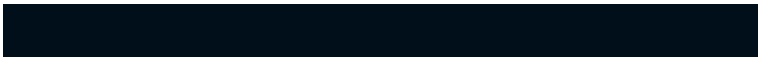
10.6430, -1.7960, 16.0991



10.6980, -5.2741, 11.6659



11.5750, 1.1955, -10.1513



11.6550, 6.5791, -10.2214

# Sweetspot

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



10.6430, -1.7960, 16.0991



31.2180, -0.6005, 5.9478



11.6560, 8.5506, 10.8257



15.3210, -0.1583, 4.1035



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000



# Same Dimension

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



10.6430, -1.7960, 16.0991



12.1600, -2.5439, 22.6617



14.7690, -6.2951, 12.4806



14.2990, -0.1474, 0.6148



25.3310, -5.0932, 47.0677



66.2250, -13.9149, 123.4597



# Inverse Universe

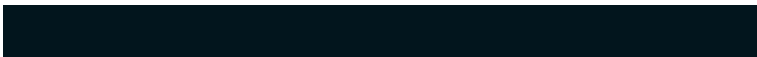
The Inverse Universe completely reimagines the original color for something new.



10.6430, -1.7960, 16.0991



12.1600, -2.5439, 22.6617



16.2310, 6.2951, -12.4806



14.2990, -0.1474, 0.6148



25.3310, -5.0932, 47.0677

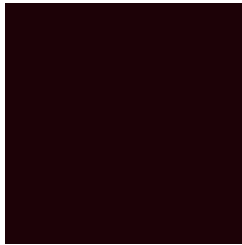


66.2250, -13.9149, 123.4597



# Previews

## White Background



This preview shows how the YUV color 10.6430, -1.7960, 16.0991 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

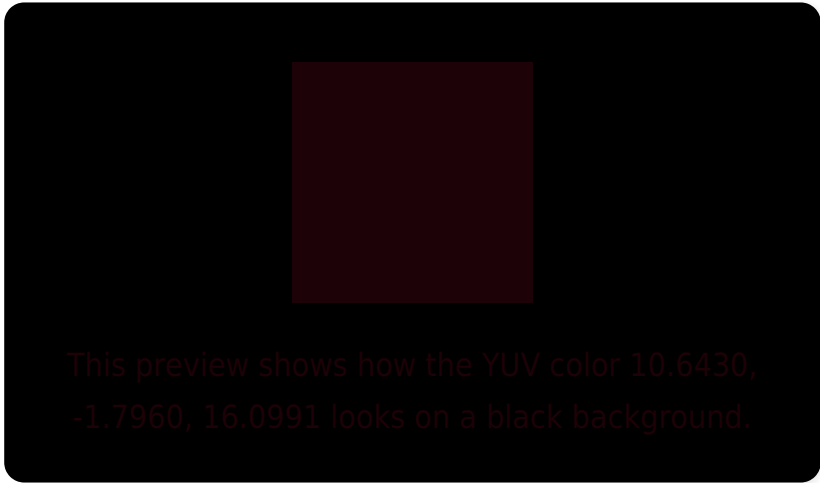
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

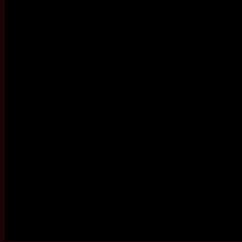
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 10.6430, -1.7960, 16.0991

## Background



This preview shows how black text looks on a background with the YUV color 10.6430, -1.7960, 16.0991.



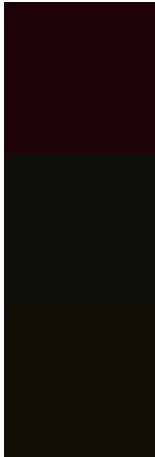
This preview shows how white text looks on a background with the YUV color 10.6430, -1.7960,



# 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

10.6430, -1.7960, 16.0991

### Protanopia

14.8430, -1.8946, 1.0147

### Deuteranopia

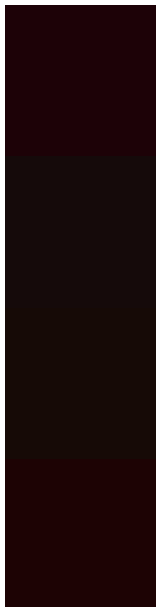
14.1700, -4.5208, 3.3589



## Tritanopia

10.7740, -3.8326, 15.9842

# Trichromacy



## Original Color

10.6430, -1.7960, 16.0991

## Protanomaly

13.2890, -1.6215, 6.7625

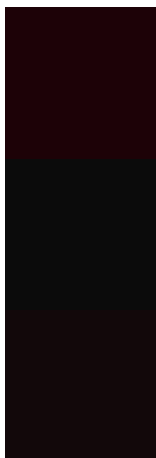
## Deuteranomaly

13.1320, -3.5161, 7.7772

## Tritanomaly

10.8880, -3.3958, 15.8842

# Monochromacy



## Original Color

10.6430, -1.7960, 16.0991

## Achromatopsia

11.0000, 0.0000, 0.0000

## Achromatomaly

11.2180, -0.6005, 5.9478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 10.6430, -1.7960, 16.0991 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(29, 2, 7)` looks like.

```
.text, #text, p{  
    color:rgb(29, 2, 7)  
}
```

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(29, 2, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 2, 7) }
```

## Border

The CSS property to change the border of an element to YUV 10.6430, -1.7960, 16.0991 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(29, 2, 7) }
```



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

```
.border{ border-color:rgb(29, 2, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 2, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 2, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 2, 7); box-shadow:4px  
4px 4px 4px rgb(29, 2, 7) }
```

# Background

The CSS property to change the background color of an element to YUV 10.6430, -1.7960, 16.0991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 2, 7) }
```

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

```
.background{ background-color: rgb(29, 2,  
7) }
```

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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