

# Converting Colors

YUV(98.9970, 31.5535, 6.1416)

Have a look what the booklet for  
YUV(98.9970, 31.5535, 6.1416)  
contains.

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# Color

**YUV(98.9970, 31.5535,  
6.1416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A53A3
RGB	106, 83, 163
RGB Percent	42%, 33%, 64%
CMY	0.5843, 0.6745, 0.3608
CMYK	0.35, 0.49, 0.00, 0.36
HSL	257°, 33%, 48%
HSV	257°, 49%, 64%
XYZ	15.6480, 11.8950, 36.1216
YIQ	98.9970, -11.9720, 29.7560

# Conversions

## Conversions Part 2

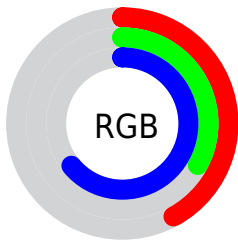
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	106, 83, 163
Decimal	6968227
CIE Lab	41.05, 28.14, -40.09
CIE LCh	41, 48.980, 305.062
Yxy	11.8950, 0.2458, 0.1868
Android (android.graphics.Color)	4285158307 (0xFF6A53A3)
YUV	98.9970, 31.5535, 6.1416
Hunter-Lab	34.4892, 20.6306, -37.9538

# Details

The YUV color **98.9970, 31.5535, 6.1416** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **147.0030, -31.5535, -6.1416**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7630, 33.1478, 8.1008**, and **50.5190, 29.8171, 3.0528** is the 20% darker color. If you saturate the color by 10%, you get **86.0170, 37.9526, 7.0011**, and if you desaturate by 10%, it is **111.9770, 25.1543, 5.2822**.

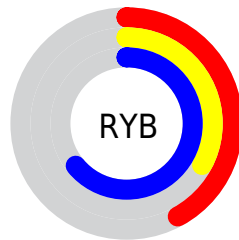
# Distribution



Red (42%)

Green (33%)

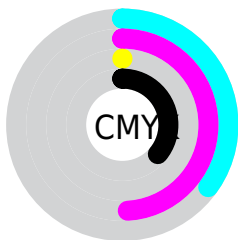
Blue (64%)



Red (42%)

Yellow (33%)

Blue (64%)

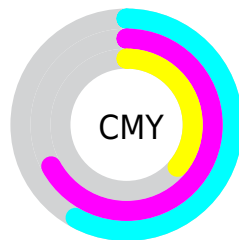


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (67%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.9970, 31.5535, 6.1416 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 98.9970, 31.5535, 6.1416 by changing the saturation by 10% instead.



■ 98.9970, 31.5535,  
6.1416

■ 98.9970, 31.5535,  
6.1416

255.0000, 0.0000,  
0.0000

■ 74.6440, 30.2485,  
4.6972

■ 150.7630, 33.1478,  
8.1008

■ 50.5190, 29.8171,  
3.0528

■ 177.7030, 34.1634,  
9.0305

■ 27.2690, 28.9544,  
-0.2359

■ 202.8360, 25.7169,  
11.5448

■ 8.2640, 26.4918,  
-3.7395

■ 227.9430, 13.3391,  
14.9590

■ 6.2070, 16.1669,  
-5.4435

■ 247.9560, 3.4727,  
6.1776

■ 2.5250, 7.1362,  
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 98.9970, 31.5535,  
6.1416

■ 98.9970, 31.5535,  
6.1416

■ 86.0170, 37.9526,  
7.0011

■ 111.9770, 25.1543,  
5.2822

■ 72.7490, 44.4937,  
8.9901

■ 125.2450, 18.6132,  
3.2931

■ 59.7690, 50.8929,  
9.8496

■ 138.2250, 12.2141,  
2.4337

■ 47.0880, 57.1446,  
11.3238

■ 150.9060, 5.9623,  
0.9594

■ 33.5210, 63.8331,  
12.6981

■ 164.4730, -0.7262,  
-0.4148

■ 32.6350, 64.2699,  
12.5981

■ 177.4530, -7.1253,  
-1.2743

■ 190.1340,  
-13.3771, -2.7485

■ 203.1140,  
-19.7762, -3.6080

■ 216.6810,  
-26.4647, -4.9822

# Harmonies

## Analogous

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



78.2910, 48.6635, -68.6612



98.9970, 31.5535, 6.1416



97.9390, 16.2991, 45.6575

# Triad

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



98.9970, 31.5535, 6.1416



93.0570, -36.5101, 43.8000



79.2470, 11.7102, -69.4996

# Complementary

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



98.9970, 31.5535, 6.1416



147.0030, -31.5535, -6.1416

# 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.



73.2850, -6.0565, -64.2709



98.9970, 31.5535, 6.1416



89.8290, -44.2857, 17.6900

# Square

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



98.9970, 31.5535, 6.1416



93.2330, -19.8349, 62.0627



85.7630, -30.9422, -15.5782



83.6930, 28.7454, -73.3988



# Rectangle

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



98.9970, 31.5535, 6.1416



94.7640, 5.0463, 61.5970



85.7630, -30.9422, -15.5782



77.6510, 5.5951, -68.0999

# Sweetspot

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



98.9970, 31.5535, 6.1416



186.3390, 12.6509, 2.3337



125.5790, 18.4486, -37.3418



91.6610, 7.5621, 1.1743



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



98.9970, 31.5535, 6.1416



112.0140, 49.2931, 9.6347



110.9570, 25.6572, 30.7327



74.9230, 3.4890, 0.9445



29.0880, 57.1446, 11.3238



3.5470, 7.1253, 1.2743



# Inverse Universe

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



113.4180, 13.1049, 43.4834



134.5210, 20.4491, 67.9491



135.0430, -25.6572, -30.7327



76.3750, 1.2941, 4.9331



55.2110, 24.0530, 78.7450

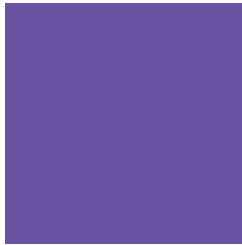


6.8640, 3.0250, 9.7663



# Previews

## White Background



This preview shows how the YUV color 98.9970, 31.5535, 6.1416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

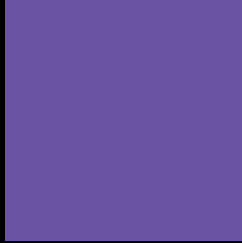
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.9970, 31.5535, 6.1416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

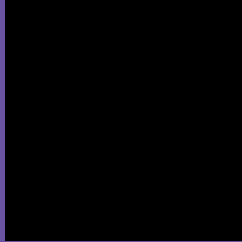
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 98.9970, 31.5535, 6.1416

## Background



This preview shows how black text looks on a background with the YUV color 98.9970, 31.5535, 6.1416.



This preview shows how white text looks on a background with the YUV color 98.9970, 31.5535,



# 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

98.9970, 31.5535, 6.1416

### Protanopia

92.6550, 40.1031, -29.5154

### Deuteranopia

91.9230, 33.5620, -31.5045



## Tritanopia

97.0150, 3.9366, -2.6442

# Trichromacy



## Original Color

98.9970, 31.5535, 6.1416

## Protanomaly

94.9340, 37.0075, -16.6051

## Deuteranomaly

94.4840, 32.7924, -17.9645

## Tritanomaly

97.6700, 13.9667, 0.2894

# Monochromacy



## Original Color

98.9970, 31.5535, 6.1416

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.9970, 11.3405, 2.6336

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.9970, 31.5535, 6.1416 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(106, 83, 163)` looks like.

```
.text, #text, p{  
    color:rgb(106, 83, 163)  
}
```

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(106, 83, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 83, 163) }
```

## Border

The CSS property to change the border of an element to YUV 98.9970, 31.5535, 6.1416 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(106, 83, 163) }
```



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

```
.border{ border-color:rgb(106, 83, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 83, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 83, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 83, 163);  
box-shadow:4px 4px 4px 4px rgb(106, 83,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 98.9970, 31.5535, 6.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 83, 163) }
```

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

```
.background{ background-color: rgb(106, 83,  
163) }
```

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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