

Converting Colors

YUV(105.5180, 31.2966,
-4.8393)

Have a look what the booklet for
YUV(105.5180, 31.2966, -4.8393)
contains.

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Color

**YUV(105.5180, 31.2966,
-4.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	6460A9
RGB	100, 96, 169
RGB Percent	39%, 38%, 66%
CMY	0.6078, 0.6235, 0.3373
CMYK	0.41, 0.43, 0.00, 0.34
HSL	243°, 30%, 52%
HSV	243°, 43%, 66%
XYZ	16.5998, 13.9396, 39.3518
YIQ	105.5180, -21.0490, 23.5510

Conversions

Conversions Part 2

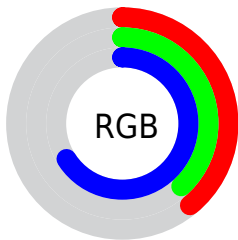
Format	Color
R_{YB}	100, 96, 169
Decimal	6578345
CIE _{Lab}	44.15, 20.23, -38.76
CIE _{LCh}	44, 43.725, 297.565
Yxy	13.9396, 0.2375, 0.1994
Android (android.graphics.Color)	4284768425 (0xFF6460A9)
YUV	105.5180, 31.2966, -4.8393
Hunter-Lab	37.3358, 14.0250, -36.3564

Details

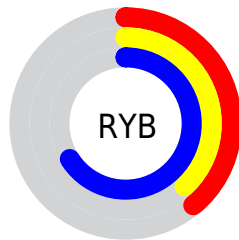
The YUV color **105.5180, 31.2966, -4.8393** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **159.4820, -31.2966, 4.8393**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9850, 33.0384, -3.4948**, and **56.6270, 29.2709, -8.4429** is the 20% darker color. If you saturate the color by 10%, you get **90.7550, 38.5748, -5.9241**, and if you desaturate by 10%, it is **120.2810, 24.0185, -3.7544**.

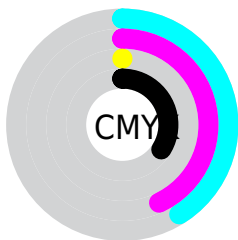
Distribution



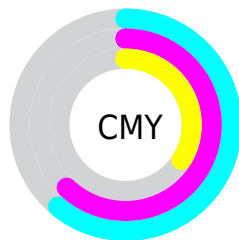
- Red (39%)
- Green (38%)
- Blue (66%)



- Red (39%)
- Yellow (38%)
- Blue (66%)



- Cyan (41%)
- Magenta (43%)
- Yellow (0%)
- Black (34%)



- Cyan (61%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.5180, 31.2966, -4.8393 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 105.5180, 31.2966, -4.8393 by changing the saturation by 10% instead.

■ 105.5180, 31.2966,
-4.8393

■ 105.5180, 31.2966,
-4.8393

■ 255.0000, 0.0000,
0.0000

■ 80.5780, 30.2810,
-5.7689

■ 157.9850, 33.0384,
-3.4948

■ 56.6270, 29.2709,
-8.4429

■ 184.8110, 33.6172,
-2.4652

■ 32.4800, 28.8504,
-13.5760

■ 209.2600, 22.5498,
0.6490

■ 11.1600, 27.5291,
-9.7873

■ 234.9540, 9.8827,
3.5483

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 105.5180, 31.2966,
-4.8393

■ 105.5180, 31.2966,
-4.8393

■ 90.7550, 38.5748,
-5.9241

■ 120.2810, 24.0185,
-3.7544

■ 75.9920, 45.8529,
-7.0090

■ 135.0440, 16.7403,
-2.6696

■ 61.2290, 53.1311,
-8.0938

■ 149.8070, 9.4621,
-1.5847

■ 46.4660, 60.4093,
-9.1787

■ 164.5700, 2.1840,
-0.4999

■ 32.2900, 67.3980,
-10.7783

■ 178.7460, -4.8048,
1.0998

■ 21.9570, 72.4922,
-11.3633

■ 193.5090,
-12.0829, 2.1846

■ 208.2720,
-19.3611, 3.2695

■ 223.0350,
-26.6393, 4.3543

■ 237.7980,
-33.9174, 5.4392

Harmonies

Analogous

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



84.1610, 45.7696, -73.8092



105.5180, 31.2966, -4.8393



107.6170, 17.9368, 33.6619

Triad

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



105.5180, 31.2966, -4.8393



102.6040, -29.3848, 45.0743



83.0140, 8.3741, -72.8033

Complementary

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



105.5180, 31.2966, -4.8393



159.4820, -31.2966, 4.8393

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.



89.1090, -12.3787, -43.0686



105.5180, 31.2966, -4.8393



100.5120, -36.7344, 22.3530

Square

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



105.5180, 31.2966, -4.8393



102.8780, -14.7299, 57.9890



96.9430, -30.5379, -5.2120



87.2320, 24.5356, -76.5025

Rectangle

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



105.5180, 31.2966, -4.8393



105.3820, 7.6997, 50.5310



96.9430, -30.5379, -5.2120



81.0590, 3.4219, -71.0887

Sweetspot

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



105.5180, 31.2966, -4.8393



194.4910, 12.0829, -2.1846



144.8250, 11.9183, -42.8195



94.3510, 7.7150, -1.1848



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



105.5180, 31.2966, -4.8393



120.0890, 48.7631, -7.0941



116.2820, 25.9900, 17.2927



76.9120, 3.4944, -0.7998



19.2640, 63.4668, -9.8785



2.5790, 8.5886, -1.3848

Inverse Universe

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



125.6930, 19.3784, 37.9802



151.3980, 30.3698, 59.2870



148.7180, -25.9900, -17.2927



79.3040, 2.3151, 4.1184



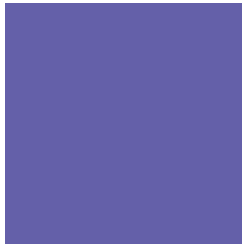
60.2120, 39.3355, 76.9901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 105.5180, 31.2966, -4.8393 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 105.5180, 31.2966, -4.8393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

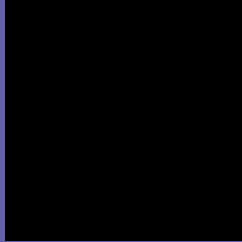
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.5180, 31.2966, -4.8393

Background



This preview shows how black text looks on a background with the YUV color 105.5180, 31.2966, -4.8393.



This preview shows how white text looks on a background with the YUV color 105.5180, 31.2966, -4.8393.

-4.8393.

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

105.5180, 31.2966, -4.8393

Protanopia

101.8360, 35.5769, -24.4122

Deuteranopia

101.0050, 32.5355, -28.9454



Tritanopia

102.6330, 6.5899, -13.7101

Trichromacy



Original Color

105.5180, 31.2966, -4.8393

Protanomaly

103.1250, 33.9554, -17.6496

Deuteranomaly

102.9460, 32.0716, -20.1236

Tritanomaly

103.9460, 15.3096, -10.4766

Monochromacy



Original Color

105.5180, 31.2966, -4.8393

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.6760, 11.4987, -1.4699

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.5180, 31.2966, -4.8393 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(100, 96, 169)` looks like.

```
.text, #text, p{  
    color:rgb(100, 96, 169)  
}
```

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(100, 96, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 96, 169) }
```

Border

The CSS property to change the border of an element to YUV 105.5180, 31.2966, -4.8393 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(100, 96, 169) }
```


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

```
.border{ border-color:rgb(100, 96, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 96, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 96, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 96, 169);  
box-shadow:4px 4px 4px 4px rgb(100, 96,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 105.5180, 31.2966, -4.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 96, 169) }
```

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

```
.background{ background-color: rgb(100, 96,  
169) }
```

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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