

Converting Colors

YUV(104.9090, 31.5969,
-7.8132)

Have a look what the booklet for
YUV(104.9090, 31.5969, -7.8132)
contains.

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Color

**YUV(104.9090, 31.5969,
-7.8132)**

Conversions

Conversions Part 1

Format	Color
Hex	6061A9
RGB	96, 97, 169
RGB Percent	38%, 38%, 66%
CMY	0.6235, 0.6196, 0.3373
CMYK	0.43, 0.43, 0.00, 0.34
HSL	239°, 30%, 52%
HSV	239°, 43%, 66%
XYZ	16.2600, 13.9008, 39.3622
YIQ	104.9090, -23.7080, 22.1800

Conversions

Conversions Part 2

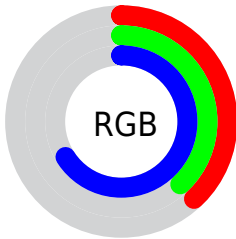
Format	Color
R_{YB}	96, 97, 169
Decimal	6316457
CIE _{Lab}	44.09, 18.55, -38.87
CIE _{LCh}	44, 43.072, 295.517
Yxy	13.9008, 0.2339, 0.1999
Android (android.graphics.Color)	4284506537 (0xFF6061A9)
YUV	104.9090, 31.5969, -7.8132
Hunter-Lab	37.2837, 12.6001, -36.4967

Details

The YUV color **104.9090, 31.5969, -7.8132** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **160.0910, -31.5969, 7.8132**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3760, 33.3386, -6.4688**, and **56.0180, 29.5711, -11.4168** is the 20% darker color. If you saturate the color by 10%, you get **89.8470, 39.0224, -9.5128**, and if you desaturate by 10%, it is **119.9710, 24.1713, -6.1136**.

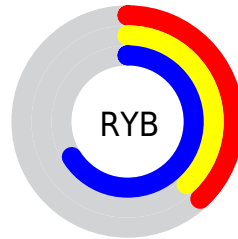
Distribution



Red (38%)

Green (38%)

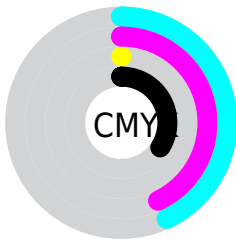
Blue (66%)



Red (38%)

Yellow (38%)

Blue (66%)

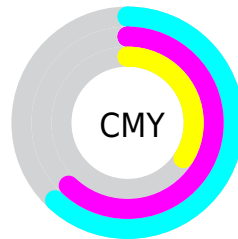


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (34%)



Cyan (62%)

Magenta (62%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9090, 31.5969, -7.8132 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 104.9090, 31.5969, -7.8132 by changing the saturation by 10% instead.

■ 104.9090, 31.5969,
-7.8132

■ 104.9090, 31.5969,
-7.8132

■ 255.0000, 0.0000,
0.0000

■ 79.9690, 30.5813,
-8.7428

■ 157.3760, 33.3386,
-6.4688

■ 56.0180, 29.5711,
-11.4168

■ 184.2020, 33.9174,
-5.4392

■ 30.6750, 29.7402,
-19.0090

■ 208.6510, 22.8501,
-2.3249

■ 11.7470, 27.2397,
-10.3021

■ 234.3450, 10.1829,
0.5744

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 104.9090, 31.5969,
-7.8132

■ 104.9090, 31.5969,
-7.8132

■ 89.8470, 39.0224,
-9.5128

■ 119.9710, 24.1713,
-6.1136

■ 75.3720, 46.1586,
-11.7272

■ 134.4460, 17.0351,
-3.8991

■ 60.3100, 53.5842,
-13.4269

■ 149.5080, 9.6096,
-2.1995

■ 45.2480, 61.0097,
-15.1265

■ 164.5700, 2.1840,
-0.4999

■ 31.0720, 67.9985,
-16.7261

■ 178.7460, -4.8048,
1.0998

■ 20.4400, 73.2401,
-17.9259

■ 193.8080,
-12.2303, 2.7994

■ 208.8700,
-19.6559, 4.4990

■ 223.3450,
-26.7921, 6.7134

■ 238.4070,
-34.2177, 8.4131

Harmonies

Analogous

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



84.6340, 45.0434, -74.2240



104.9090, 31.5969, -7.8132



107.4210, 18.5264, 31.2028

Triad

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



104.9090, 31.5969, -7.8132



102.5440, -28.3692, 46.0039



82.0850, 7.3531, -71.9885

Complementary

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



104.9090, 31.5969, -7.8132



160.0910, -31.5969, 7.8132

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.



90.0880, -13.8474, -38.6652



104.9090, 31.5969, -7.8132



100.7510, -35.8662, 23.8974

Square

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



104.9090, 31.5969, -7.8132



103.2200, -13.4195, 57.6891



96.9540, -30.5433, -3.4677



86.3030, 23.5146, -75.6877

Rectangle

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



104.9090, 31.5969, -7.8132



105.5990, 8.5787, 48.5867



96.9540, -30.5433, -3.4677



80.7170, 2.1115, -70.7888

Sweetspot

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



104.9090, 31.5969, -7.8132



194.1920, 12.2303, -2.7994



147.0590, 10.3239, -44.7787



94.0520, 7.8624, -1.7996



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.



104.9090, 31.5969, -7.8132



119.1700, 49.2162, -12.4271



114.7870, 26.7270, 14.2188



76.9120, 3.4944, -0.7998



18.0460, 64.0673, -15.8263



2.2800, 8.7360, -1.9996

Inverse Universe

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



117.9410, -10.3239, 44.7787



139.3140, -15.9308, 69.8846



150.2130, -26.7270, -14.2188



78.3920, -1.1793, 4.9182



44.4800, -20.9426, 90.7870



5.9800, -2.9481, 12.2955

Previews

White Background



This preview shows how the YUV color 104.9090, 31.5969, -7.8132 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 104.9090, 31.5969, -7.8132 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 104.9090, 31.5969, -7.8132

Background



This preview shows how black text looks on a background with the YUV color 104.9090, 31.5969, -7.8132.



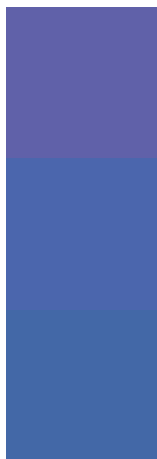
This preview shows how white text looks on a background with the YUV color 104.9090, 31.5969, -7.8132.

-7.8132.

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

104.9090, 31.5969, -7.8132

Protanopia

102.0210, 34.9926, -23.6974

Deuteranopia

100.1190, 32.9723, -29.0454



Tritanopia

101.2520, 7.7638, -16.8840

Trichromacy



Original Color

104.9090, 31.5969, -7.8132

Protanomaly

103.1250, 33.9554, -17.6496

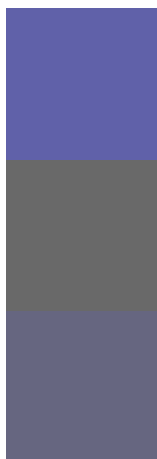
Deuteranomaly

101.7610, 32.6558, -20.8384

Tritanomaly

102.5650, 16.4835, -13.6505

Monochromacy



Original Color

104.9090, 31.5969, -7.8132

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9090, 31.5969, -7.8132 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(96, 97, 169)` looks like.

```
.text, #text, p{  
    color:rgb(96, 97, 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(96, 97, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 97, 169) }
```

Border

The CSS property to change the border of an element to YUV 104.9090, 31.5969, -7.8132 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(96, 97, 169) }
```


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

```
.border{ border-color:rgb(96, 97, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 97, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 97, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 97, 169);  
box-shadow:4px 4px 4px 4px rgb(96, 97,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 104.9090, 31.5969, -7.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 97, 169) }
```

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

```
.background{ background-color: rgb(96, 97,  
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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