

Converting Colors

YUV(150.8100, 18.3347,
-0.7104)

Have a look what the booklet for
YUV(150.8100, 18.3347, -0.7104)
contains.

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Color

**YUV(150.8100, 18.3347,
-0.7104)**

Conversions

Conversions Part 1

Format	Color
Hex	9690BC
RGB	150, 144, 188
RGB Percent	59%, 56%, 74%
CMY	0.4118, 0.4353, 0.2627
CMYK	0.20, 0.23, 0.00, 0.26
HSL	248°, 25%, 65%
HSV	248°, 23%, 74%
XYZ	31.6280, 30.0614, 51.7124
YIQ	150.8100, -10.5480, 14.9560

Conversions

Conversions Part 2

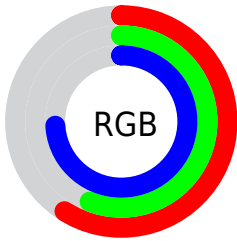
Format	Color
RYB	150, 144, 188
Decimal	9867452
CIELab	61.71, 11.54, -22.06
CIELCh	62, 24.899, 297.606
Yxy	30.0614, 0.2789, 0.2651
Android (android.graphics.Color)	4288057532 (0xFF9690BC)
YUV	150.8100, 18.3347, -0.7104
Hunter-Lab	54.8283, 7.0194, -17.5408

Details

The YUV color $150.8100, 18.3347, -0.7104$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $181.1900, -18.3347, 0.7104$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.3370, 19.0609, -0.2955$, and $99.8700, 17.3191, -1.6400$ is the 20% darker color. If you saturate the color by 10%, you get $134.8730, 26.1916, -0.7656$, and if you desaturate by 10%, it is $166.7470, 10.4777, -0.6551$.

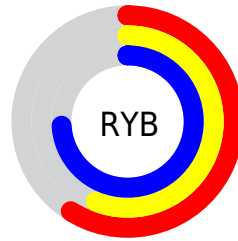
Distribution



Red (59%)

Green (56%)

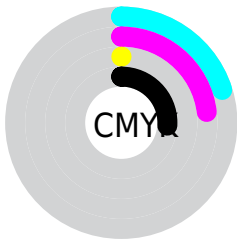
Blue (74%)



Red (59%)

Yellow (56%)

Blue (74%)

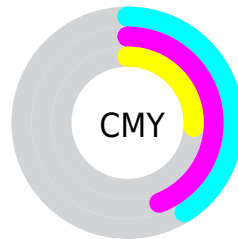


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8100, 18.3347, -0.7104 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 150.8100, 18.3347, -0.7104 by changing the saturation by 10% instead.

■ 150.8100, 18.3347,
-0.7104

■ 150.8100, 18.3347,
-0.7104

255.0000, 0.0000,
0.0000

■ 124.6960, 17.8979,
-0.6104

■ 205.3370, 19.0609,
-0.2955

■ 99.8700, 17.3191,
-1.6400

■ 231.3990, 11.6353,
1.4041

■ 75.6420, 16.4455,
-1.4400

254.4130, 0.2894,
0.5148

■ 52.8160, 15.8667,
-2.4696

■ 31.1750, 14.7037,
-2.7845

■ 6.6530, 16.4401,
0.3043

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 150.8100, 18.3347,
-0.7104

■ 150.8100, 18.3347,
-0.7104

■ 134.8730, 26.1916,
-0.7656

■ 166.7470, 10.4777,
-0.6551

■ 118.9360, 34.0486,
-0.8209

■ 182.6840, 2.6208,
-0.5999

■ 103.2870, 41.7635,
-2.0057

■ 198.3330, -5.0942,
0.5850

■ 87.3500, 49.6204,
-2.0610

■ 214.2700,
-12.9511, 0.6402

■ 71.4130, 57.4774,
-2.1162

■ 230.2070,
-20.8081, 0.6955

■ 55.4760, 65.3343,
-2.1715

■ 244.9700,
-28.0862, 1.7803

■ 39.2400, 73.3387,
-2.8415

■ 247.3620,
-29.2655, 6.6985

■ 29.2060, 78.2854,
-2.8117

Harmonies

Analogous

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



146.8070, 22.7731, -24.3867



150.8100, 18.3347, -0.7104



152.7650, 9.9759, 20.3771

Triad

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



150.8100, 18.3347, -0.7104



150.0780, -18.2795, 29.7496



139.2570, 3.3243, -39.6904

Complementary

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



150.8100, 18.3347, -0.7104



181.1900, -18.3347, 0.7104

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.



142.8650, -8.8074, -21.8066



150.8100, 18.3347, -0.7104



148.1920, -21.2937, 16.4946

Square

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



150.8100, 18.3347, -0.7104



151.1850, -10.4442, 36.6718



145.6950, -17.5976, -2.3635



138.2910, 15.1395, -49.3672

Rectangle

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



150.8100, 18.3347, -0.7104



152.6970, 3.1074, 30.0837



145.6950, -17.5976, -2.3635



140.8510, -0.9125, -34.0723

Sweetspot

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



150.8100, 18.3347, -0.7104



230.5360, 7.1308, -0.4701



171.3220, 8.2223, -23.9614



114.3250, 3.7838, -0.2850



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



150.8100, 18.3347, -0.7104



186.8560, 28.6650, -0.7507



157.3880, 15.0917, 12.8147



86.3250, 3.7838, -0.2850



24.5900, 65.7711, -2.2714



4.7300, 12.9511, -0.6402

Inverse Universe

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



161.4880, 10.1124, 23.2510



203.3570, 15.6000, 36.5209



174.6120, -15.0917, -12.8147



88.6030, 2.1677, 4.7332



62.8600, 36.5510, 83.4378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 150.8100, 18.3347, -0.7104 looks on a white background.

Color Contrast Check

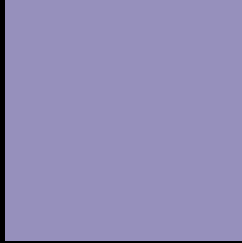
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 150.8100, 18.3347, -0.7104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

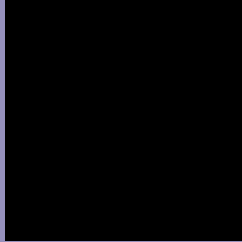
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.8100, 18.3347, -0.7104

Background



This preview shows how black text looks on a background with the YUV color 150.8100, 18.3347, -0.7104.



This preview shows how white text looks on a background with the YUV color 150.8100, 18.3347, -0.7104.

-0.7104.

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

150.8100, 18.3347, -0.7104

Protanopia

149.2110, 20.1090, -9.8320

Deuteranopia

150.1900, 18.6403, -5.4286



Tritanopia

149.1720, 5.8312, -3.6588

Trichromacy



Original Color

150.8100, 18.3347, -0.7104

Protanomaly

149.7060, 19.3719, -6.7582

Deuteranomaly

150.2010, 18.6349, -3.6843

Tritanomaly

149.7360, 10.4832, -2.3995

Monochromacy



Original Color

150.8100, 18.3347, -0.7104

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8100, 18.3347, -0.7104 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(150, 144, 188)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 188)  
}
```

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(150, 144, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 188) }
```

Border

The CSS property to change the border of an element to YUV 150.8100, 18.3347, -0.7104 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(150, 144, 188) }
```


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

```
.border{ border-color:rgb(150, 144, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 188);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 150.8100, 18.3347, -0.7104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 188) }
```

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

```
.background{ background-color: rgb(150,  
144, 188) }
```

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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