

Converting Colors

YUV(151.2680, 13.6719, 1.5190)

Have a look what the booklet for
YUV(151.2680, 13.6719, 1.5190)
contains.

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Color

**YUV(151.2680, 13.6719,
1.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	9991B3
RGB	153, 145, 179
RGB Percent	60%, 57%, 70%
CMY	0.4000, 0.4314, 0.2980
CMYK	0.15, 0.19, 0.00, 0.30
HSL	254°, 18%, 64%
HSV	254°, 19%, 70%
XYZ	31.3990, 30.2778, 46.8371
YIQ	151.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

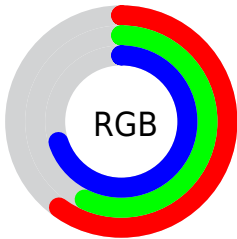
Format	Color
RYB	153, 145, 179
Decimal	10064307
CIELab	61.89, 9.90, -16.68
CIElCh	62, 19.393, 300.688
Yxy	30.2778, 0.2894, 0.2790
Android (android.graphics.Color)	4288254387 (0xFF9991B3)
YUV	151.2680, 13.6719, 1.5190
Hunter-Lab	55.0252, 5.5629, -11.9496

Details

The YUV color **151.2680, 13.6719, 1.5190** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172.7320, -13.6719, -1.5190**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7950, 14.3981, 1.9338**, and **100.6270, 12.5089, 1.2041** is the 20% darker color. If you saturate the color by 10%, you get **136.5160, 20.9446, 2.1785**, and if you desaturate by 10%, it is **166.0200, 6.3991, 0.8595**.

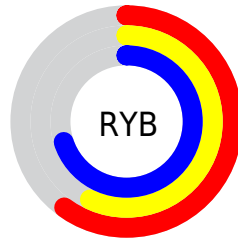
Distribution



Red (60%)

Green (57%)

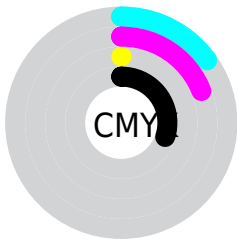
Blue (70%)



Red (60%)

Yellow (57%)

Blue (70%)

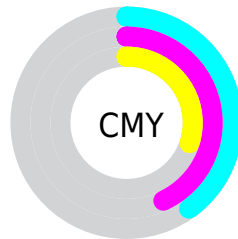


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (30%)



Cyan (40%)

Magenta (43%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2680, 13.6719, 1.5190 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 151.2680, 13.6719, 1.5190 by changing the saturation by 10% instead.

■ 151.2680, 13.6719,
1.5190

■ 151.2680, 13.6719,
1.5190

255.0000, 0.0000,
0.0000

■ 125.1540, 13.2351,
1.6189

■ 205.7950, 14.3981,
1.9338

■ 100.6270, 12.5089,
1.2041

■ 232.8830, 10.9037,
2.7336

■ 76.2140, 12.2195,
0.6893

■ 53.6870, 11.4933,
0.2745

■ 32.1600, 10.7671,
-0.1403

■ 7.9370, 12.3561,
3.5633

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 151.2680, 13.6719,
1.5190

■ 151.2680, 13.6719,
1.5190

■ 136.5160, 20.9446,
2.1785

■ 166.0200, 6.3991,
0.8595

■ 122.0630, 28.0699,
3.4527

■ 180.4730, -0.7262,
-0.4148

■ 107.3110, 35.3427,
4.1123

■ 195.2250, -7.9989,
-1.0743

■ 92.5590, 42.6154,
4.7718

■ 209.9770,
-15.2717, -1.7338

■ 78.1060, 49.7407,
6.0460

■ 224.4300,
-22.3970, -3.0081

■ 63.9410, 56.7241,
6.1907

■ 238.5950,
-29.3803, -3.1528

■ 49.1890, 63.9968,
6.8502

■ 244.5420,
-32.3122, 3.9097

■ 34.4370, 71.2696,
7.5098

■ 246.3360,
-33.1966, 7.5983

■ 32.9640, 71.9957,
7.9246

Harmonies

Analogous

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



148.4830, 17.5099, -16.2096



151.2680, 13.6719, 1.5190



152.6460, 7.0765, 16.9735

Triad

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



151.2680, 13.6719, 1.5190



150.5440, -15.0582, 23.2019



142.6110, 3.1498, -30.3538

Complementary

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



151.2680, 13.6719, 1.5190



172.7320, -13.6719, -1.5190

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.



144.8700, -6.3449, -18.3030



151.2680, 13.6719, 1.5190



148.4240, -16.4780, 11.9062

Square

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



151.2680, 13.6719, 1.5190



152.0700, -9.4015, 28.8796



146.8350, -13.2297, -3.3633



142.7550, 11.4598, -35.7421

Rectangle

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



151.2680, 13.6719, 1.5190



152.9090, 1.5239, 24.6358



146.8350, -13.2297, -3.3633



143.1230, -0.0606, -27.2949

Sweetspot

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



151.2680, 13.6719, 1.5190



220.4930, 5.6730, 0.4446



164.1380, 7.3270, -16.7840



110.5100, 3.1996, 0.4297



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



151.2680, 13.6719, 1.5190



188.6300, 21.3814, 2.0785



156.3510, 11.1660, 11.9702



81.6240, 3.6364, 0.3298



28.2060, 61.5234, 6.8353



4.7580, 10.4723, 1.0892

Inverse Universe

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



158.1300, 6.3449, 18.3030



199.4070, 9.6593, 28.5841



167.6490, -11.1660, -11.9702



83.4890, 1.7309, 4.8331



59.0850, 28.5521, 82.3635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 151.2680, 13.6719, 1.5190 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 151.2680, 13.6719, 1.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

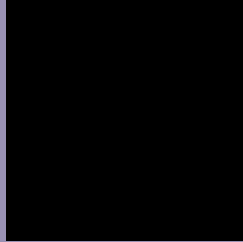
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.2680, 13.6719, 1.5190

Background



This preview shows how black text looks on a background with the YUV color 151.2680, 13.6719, 1.5190.



This preview shows how white text looks on a background with the YUV color 151.2680, 13.6719,

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

151.2680, 13.6719, 1.5190

Protanopia

149.9680, 15.2988, -6.9879

Deuteranopia

150.9580, 13.8247, -0.8402



Tritanopia

149.9660, 4.9468, 0.0298

Trichromacy



Original Color

151.2680, 13.6719, 1.5190

Protanomaly

150.4630, 14.5617, -3.9141

Deuteranomaly

151.2570, 13.6773, -0.2254

Tritanomaly

150.4760, 8.1463, 0.4595

Monochromacy



Original Color

151.2680, 13.6719, 1.5190

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2650, 4.7994, 0.6446

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2680, 13.6719, 1.5190 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(153, 145, 179)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 179)  
}
```

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(153, 145, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 179) }
```

Border

The CSS property to change the border of an element to YUV 151.2680, 13.6719, 1.5190 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(153, 145, 179) }
```


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

```
.border{ border-color:rgb(153, 145, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 179);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 151.2680, 13.6719, 1.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 179) }
```

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

```
.background{ background-color: rgb(153,  
145, 179) }
```

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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