

Converting Colors

YUV(152.8180, 9.4567, 0.1596)

Have a look what the booklet for
YUV(152.8180, 9.4567, 0.1596)
contains.

YUV(152.8180, 9.4567, 0.1596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(152.8180, 9.4567,
0.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	9995AC
RGB	153, 149, 172
RGB Percent	60%, 58%, 67%
CMY	0.4000, 0.4157, 0.3255
CMYK	0.11, 0.13, 0.00, 0.33
HSL	250°, 12%, 63%
HSV	250°, 13%, 67%
XYZ	31.3307, 31.2458, 43.4095
YIQ	152.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

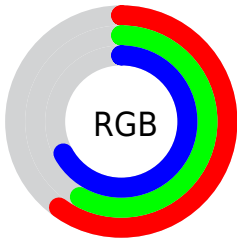
Format	Color
RYB	153, 149, 172
Decimal	10065324
CIELab	62.71, 6.11, -11.48
CIELCh	63, 13.007, 298.001
Yxy	31.2458, 0.2956, 0.2948
Android (android.graphics.Color)	4288255404 (0xFF9995AC)
YUV	152.8180, 9.4567, 0.1596
Hunter-Lab	55.8979, 2.2277, -6.9152

Details

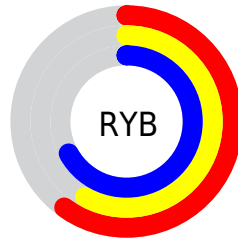
The YUV color **152.8180, 9.4567, 0.1596** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.1820, -9.4567, -0.1596**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9320, 9.8935, 0.0596**, and **101.7040, 9.0199, 0.2596** is the 20% darker color. If you saturate the color by 10%, you get **138.6530, 16.4401, 0.3043**, and if you desaturate by 10%, it is **166.9830, 2.4734, 0.0149**.

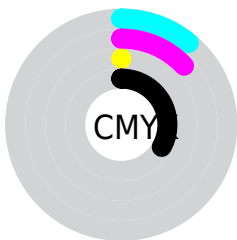
Distribution



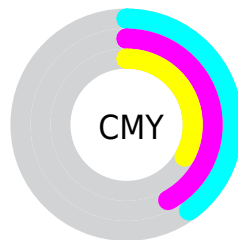
- Red (60%)
- Green (58%)
- Blue (67%)



- Red (60%)
- Yellow (58%)
- Blue (67%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8180, 9.4567, 0.1596 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 152.8180, 9.4567, 0.1596 by changing the saturation by 10% instead.

■ 152.8180, 9.4567,
0.1596

■ 152.8180, 9.4567,
0.1596

255.0000, 0.0000,
0.0000

■ 126.7040, 9.0199,
0.2596

■ 206.9320, 9.8935,
0.0596

■ 101.7040, 9.0199,
0.2596

■ 235.2310, 9.7461,
0.6744

■ 78.1770, 8.2937,
-0.1552

■ 55.0630, 7.8569,
-0.0553

■ 33.6500, 7.5676,
-0.5700

■ 10.3020, 8.7251,
1.4891

■ 0.0000, 0.0000,

0.0000

■ 152.8180, 9.4567,
0.1596

■ 152.8180, 9.4567,
0.1596

■ 138.6530, 16.4401,
0.3043

■ 166.9830, 2.4734,
0.0149

■ 124.4880, 23.4234,
0.4490

■ 181.1480, -4.5100,
-0.1298

■ 109.4370, 30.8436,
0.4938

■ 196.1990,
-11.9301, -0.1745

■ 95.2720, 37.8269,
0.6385

■ 210.3640,
-18.9135, -0.3192

■ 81.1070, 44.8102,
0.7832

■ 224.5290,
-25.8968, -0.4639

■ 66.9420, 51.7936,
0.9279

■ 238.6940,
-32.8801, -0.6086

■ 52.7770, 58.7769,
1.0726

■ 244.6410,
-35.8120, 6.4538

■ 37.7260, 66.1971,
1.1173

■ 245.5380,
-36.2542, 8.2982

■ 28.5780, 70.7070,
1.2471

Harmonies

Analogous

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



150.9090, 11.3839, -11.3212



152.8180, 9.4567, 0.1596



154.0320, 4.9142, 10.4959

Triad

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



152.8180, 9.4567, 0.1596



152.8790, -9.8003, 16.7691



147.5200, 1.2226, -18.8730

Complementary

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



152.8180, 9.4567, 0.1596



168.1820, -9.4567, -0.1596

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.



148.6690, -4.7668, -11.1107



152.8180, 9.4567, 0.1596



151.7810, -11.2310, 8.9621

Square

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



152.8180, 9.4567, 0.1596



153.2260, -6.0274, 19.9728



149.8830, -9.3093, -0.7744



147.6920, 7.0538, -22.5319

Rectangle

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



152.8180, 9.4567, 0.1596



153.8540, 1.5510, 15.9140



149.8830, -9.3093, -0.7744



147.9610, -0.9668, -16.6288

Sweetspot

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



152.8180, 9.4567, 0.1596



216.6240, 3.6364, 0.3298



162.7750, 4.5479, -12.0807



107.8690, 2.0366, 0.1149



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



152.8180, 9.4567, 0.1596



194.1970, 14.6929, 0.7042



156.1070, 7.8352, 6.9222



79.6240, 3.6364, 0.3298



24.8740, 61.6871, 0.9875



3.8180, 9.4567, 0.1596

Inverse Universe

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



158.0430, 4.9088, 12.2403



202.1840, 7.7973, 19.1326



164.8930, -7.8352, -6.9222



81.4890, 1.7309, 4.8331



58.9860, 32.0519, 79.8193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 152.8180, 9.4567, 0.1596 looks on a white background.

Color Contrast Check

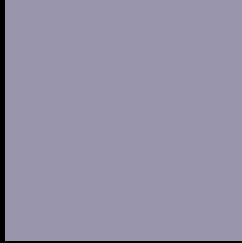
Large Text (above 18pt) WCAG AA × Fail

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 152.8180, 9.4567, 0.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

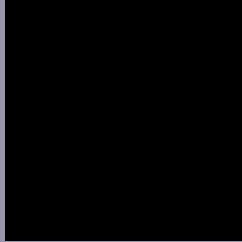
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.8180, 9.4567, 0.1596

Background



This preview shows how black text looks on a background with the YUV color 152.8180, 9.4567, 0.1596.



This preview shows how white text looks on a background with the YUV color 152.8180, 9.4567,

0.1596.

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

152.8180, 9.4567, 0.1596

Protanopia

152.0240, 10.3412, -3.5290

Deuteranopia

153.4270, 9.1565, 3.1335



Tritanopia

152.3680, 5.2416, -1.1997

Trichromacy



Original Color

152.8180, 9.4567, 0.1596

Protanomaly

152.6220, 10.0464, -2.2995

Deuteranomaly

153.1280, 9.3039, 2.5187

Tritanomaly

152.4220, 6.6940, -0.3701

Monochromacy



Original Color

152.8180, 9.4567, 0.1596

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8180, 9.4567, 0.1596 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, 149, 172)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 172)  
}
```

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, 149, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 172) }
```

Border

The CSS property to change the border of an element to YUV 152.8180, 9.4567, 0.1596 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, 149, 172) }
```


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

```
.border{ border-color:rgb(153, 149, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 149, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 172);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 152.8180, 9.4567, 0.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 172) }
```

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

```
.background{ background-color: rgb(153,  
149, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor