

# Converting Colors

YUV(152.0020, 50.7780,  
-0.0018)

Have a look what the booklet for  
YUV(152.0020, 50.7780, -0.0018)  
contains.

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# Color

**YUV(152.0020, 50.7780,  
-0.0018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9884FF
RGB	152, 132, 255
RGB Percent	60%, 52%, 100%
CMY	0.4039, 0.4824, 0.0000
CMYK	0.40, 0.48, 0.00, 0.00
HSL	250°, 100%, 76%
HSV	250°, 48%, 100%
XYZ	39.2502, 30.3979, 98.4064
YIQ	152.0020, -27.5630, 42.4930

# Conversions

## Conversions Part 2

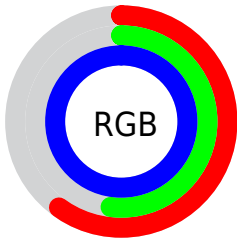
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 132, 255
Decimal	9995519
CIE Lab	62.00, 36.15, -58.89
CIE LCh	62, 69.101, 301.542
Yxy	30.3979, 0.2336, 0.1809
Android (android.graphics.Color)	4288185599 (0xFF9884FF)
YUV	152.0020, 50.7780, -0.0018
Hunter-Lab	55.1343, 30.5892, -67.2297

# Details

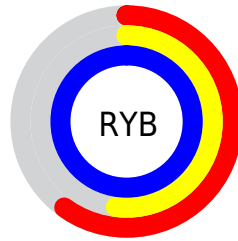
The YUV color **152.0020, 50.7780, -0.0018** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234.9980, -50.7780, 0.0018**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.4550, 26.8907, 8.3710**, and **98.6980, 48.4629, -4.1201** is the 20% darker color. If you saturate the color by 10%, you get **131.0480, 61.1083, -0.0421**, and if you desaturate by 10%, it is **173.5430, 40.1583, -0.4762**.

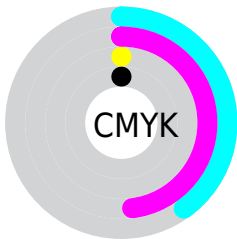
# Distribution



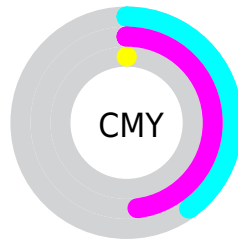
- Red (60%)
- Green (52%)
- Blue (100%)



- Red (60%)
- Yellow (52%)
- Blue (100%)



- Cyan (40%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (48%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.0020, 50.7780, -0.0018 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 152.0020, 50.7780, -0.0018 by changing the saturation by 10% instead.



■ 152.0020, 50.7780,  
-0.0018

■ 152.0020, 50.7780,  
-0.0018

255.0000, 0.0000,  
0.0000

■ 125.3500, 49.6205,  
-2.0609

■ 200.4550, 26.8907,  
8.3710

■ 98.6980, 48.4629,  
-4.1201

■ 225.8610, 14.3655,  
12.3999

■ 73.1490, 47.7475,  
-8.0237

■ 247.3690, 3.7621,  
6.6924

■ 46.1050, 47.7692,  
-15.0011

■ 22.0290, 46.3277,  
-19.3194

■ 10.3740, 39.7486,  
-9.0980

■ 11.0460, 27.0923,

-9.6873

■ 6.6630, 17.9141,  
-5.8435

■ 3.0950, 9.3202,  
-2.7143

■ 152.0020, 50.7780,  
-0.0018

■ 152.0020, 50.7780,  
-0.0018

■ 131.0480, 61.1083,  
-0.0421

■ 173.5430, 40.1583,  
-0.4762

■ 109.2080, 71.8755,  
-0.1824

■ 194.7960, 29.6806,  
0.1789

■ 88.2540, 82.2058,  
-0.2228

■ 216.3370, 19.0609,  
-0.2955

■ 66.7130, 92.8255,  
0.2517

■ 237.2910, 8.7305,  
-0.2552

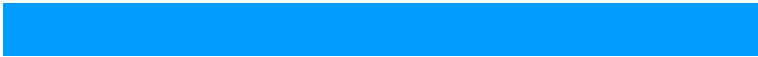
■ 45.4600, 103.3032, 255.0000, 0.0000,  
-0.4034 0.0000

■ 41.3290, 105.3398,  
-0.2885

# Harmonies

## Analogous

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



120.6420, 66.2385, -105.8030



152.0020, 50.7780, -0.0018



151.5620, 28.3169, 64.4051

# Triad

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



152.0020, 50.7780, -0.0018



143.7540, -53.6157, 70.3757



121.7000, 14.4449, -106.7309

# Complementary

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



152.0020, 50.7780, -0.0018



234.9980, -50.7780, 0.0018

# 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.



112.1700, -11.9158, -98.3731



152.0020, 50.7780, -0.0018



139.5000, -68.7735, 32.0105

# Square

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



152.0020, 50.7780, -0.0018



143.6180, -26.9267, 96.8050



133.5460, -52.0342, -17.1418



128.0670, 41.3790, -112.3148



# Rectangle

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



152.0020, 50.7780, -0.0018



146.3730, 11.6481, 90.8809



133.5460, -52.0342, -17.1418



118.7190, 5.5615, -104.1166

# Sweetspot

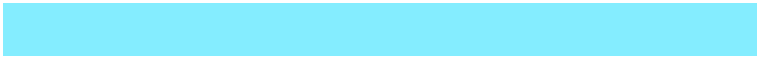
The Sweet Spot groups the original color and five complimentary colors.



152.0020, 50.7780, -0.0018



224.8980, 14.8403, 0.0895



207.6570, 23.3401, -66.3512



109.4050, 9.1673, -0.3552



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



152.0020, 50.7780, -0.0018



131.0480, 61.1083, -0.0421



169.9420, 41.9336, 36.8849



117.0800, 5.3836, -0.0702



31.0430, 78.8588, -0.0377



10.2860, 26.4810, -0.2508



# Inverse Universe

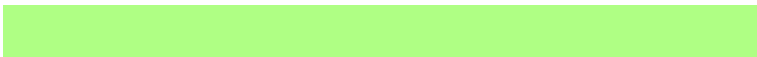
The Inverse Universe completely reimagines the original color for something new.



180.5190, 26.8591, 65.3198



165.3880, 32.3467, 78.5897



217.0580, -41.9336, -36.8849



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259

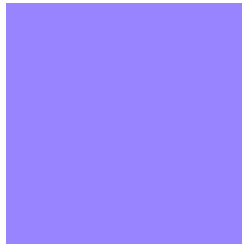


25.1780, 13.7162, 34.0469



# Previews

## White Background



This preview shows how the YUV color 152.0020, 50.7780, -0.0018 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

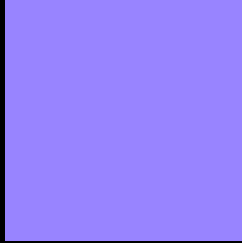
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.0020, 50.7780, -0.0018 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

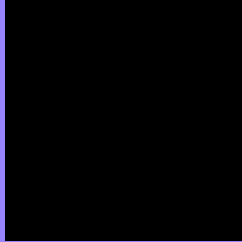
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.0020, 50.7780, -0.0018

## Background



This preview shows how black text looks on a background with the YUV color 152.0020, 50.7780, -0.0018.



This preview shows how white text looks on a background with the YUV color 152.0020, 50.7780, -0.0018.

-0.0018.

# 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

152.0020, 50.7780, -0.0018

### Protanopia

145.2700, 54.0969, -37.9478

### Deuteranopia

141.1710, 54.1457, -53.6470



## Tritanopia

147.7900, 8.4845, -14.7248

# Trichromacy



## Original Color

152.0020, 50.7780, -0.0018

## Protanomaly

147.7170, 52.8905, -24.3078

## Deuteranomaly

144.9500, 52.7757, -34.1591

## Tritanomaly

149.2480, 24.0347, -8.9875

# Monochromacy



## Original Color

152.0020, 50.7780, -0.0018

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.1090, 18.1873, -0.0956

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.0020, 50.7780, -0.0018 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(152, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 255)  
}
```

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(152, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 255) }
```

## Border

The CSS property to change the border of an element to YUV 152.0020, 50.7780, -0.0018 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".

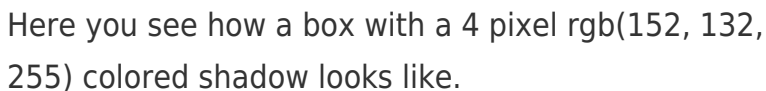
```
.border, #border, table{ border:4px solid rgb(152, 132, 255) }
```



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

```
.border{ border-color:rgb(152, 132, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 132, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 132, 255); box-shadow:4px 4px 4px 4px rgb(152, 132, 255) }
```

# Background

The CSS property to change the background color of an element to YUV 152.0020, 50.7780, -0.0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 255) }
```

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

```
.background{ background-color: rgb(152,  
132, 255) }
```

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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