

# Converting Colors

YUV(126.6360, 62.7905,  
20.4902)

Have a look what the booklet for  
YUV(126.6360, 62.7905, 20.4902)  
contains.

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# Color

**YUV(126.6360, 62.7905,  
20.4902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	965AFE
RGB	150, 90, 254
RGB Percent	59%, 35%, 100%
CMY	0.4118, 0.6471, 0.0039
CMYK	0.41, 0.65, 0.00, 0.00
HSL	262°, 99%, 67%
HSV	262°, 65%, 100%
XYZ	34.1232, 20.9521, 96.0116
YIQ	126.6360, -16.8840, 63.7240

# Conversions

## Conversions Part 2

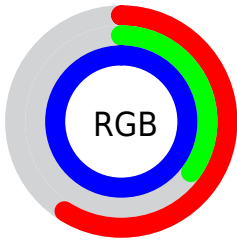
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	150, 90, 254
Decimal	9853694
CIE Lab	52.90, 58.39, -73.00
CIE LCh	53, 93.481, 308.658
Yxy	20.9521, 0.2259, 0.1387
Android (android.graphics.Color)	4288043774 (0xFF965AFE)
YUV	126.6360, 62.7905, 20.4902
Hunter-Lab	45.7735, 52.9647, -92.3216

# Details

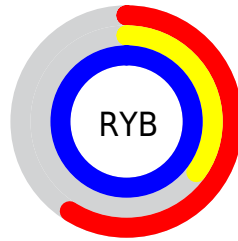
The YUV color **126.6360, 62.7905, 20.4902** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **217.3640, -62.7905, -20.4902**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8010, 39.0451, 29.9925**, and **70.9730, 61.6383, 16.6867** is the 20% darker color. If you saturate the color by 10%, you get **107.1770, 72.3837, 23.5238**, and if you desaturate by 10%, it is **146.0950, 53.1972, 17.4567**.

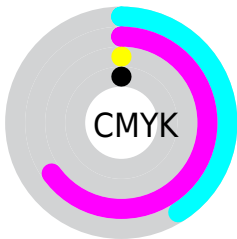
# Distribution



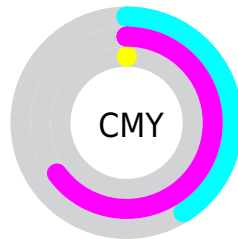
- Red (59%)
- Green (35%)
- Blue (100%)



- Red (59%)
- Yellow (35%)
- Blue (100%)



- Cyan (41%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.6360, 62.7905, 20.4902 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 126.6360, 62.7905, 20.4902 by changing the saturation by 10% instead.



126.6360, 62.7905,  
20.4902

126.6360, 62.7905,  
20.4902

255.0000, 0.0000,  
0.0000

99.0980, 62.0697,  
18.3311

175.8010, 39.0451,  
29.9925

70.9730, 61.6383,  
16.6867

201.2070, 26.5199,  
34.0215

38.2440, 63.9697,  
15.5720

222.1280, 16.2059,  
28.8287

17.5690, 60.8515,  
-11.0230

238.5640, 8.1029,  
14.4144

12.9960, 49.7950,  
-11.3975

10.1460, 38.8750,  
-8.8980

11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,  
-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 126.6360, 62.7905,  
20.4902

■ 126.6360, 62.7905,  
20.4902

■ 107.1770, 72.3837,  
23.5238

■ 146.0950, 53.1972,  
17.4567

■ 87.1310, 82.2664,  
27.0721

■ 166.1410, 43.3145,  
13.9083

■ 67.6720, 91.8597,  
30.1057

■ 185.6000, 33.7212,  
10.8748

■ 56.7630, 97.2378,  
31.7798

■ 205.6460, 23.8385,  
7.3265

■ 225.4040, 14.0978,  
4.9077

■ 244.8630, 4.5045,  
1.8741

254.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



105.3800, 73.7627, -92.4183



126.6360, 62.7905, 20.4902



91.5830, 47.0406, 125.7767

# Triad

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



126.6360, 62.7905, 20.4902



117.6140, -57.9837, 71.3755



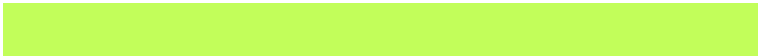
109.6180, 18.9223, -96.1350

# Complementary

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



126.6360, 62.7905, 20.4902



217.3640, -62.7905, -20.4902

# 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.



98.0530, -17.7741, -85.9925



126.6360, 62.7905, 20.4902



116.6640, -57.5154, 14.3267

# Square

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



126.6360, 62.7905, 20.4902



99.6990, -36.3336, 127.4290



91.6710, -45.1938, -64.6095



118.5100, 52.9926, -103.9333



# Rectangle

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



126.6360, 62.7905, 20.4902



91.5210, 20.9421, 143.3711



91.6710, -45.1938, -64.6095



106.4260, 6.6920, -93.3356

# Sweetspot

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



126.6360, 62.7905, 20.4902



217.5550, 18.4604, 5.6523



171.5050, 40.6700, -71.4799



104.7090, 11.4825, 3.7632



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.



126.6360, 62.7905, 20.4902



102.5730, 75.1465, 24.0535



150.2570, 51.1453, 69.0576



117.6780, 5.0887, 1.1594



42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413



# Inverse Universe

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



150.8920, 21.2522, 90.4257



131.7400, 25.2712, 108.0990



193.7430, -51.1453, -69.0576



119.7990, 1.5781, 7.1923



70.9030, 24.6978, 105.3251

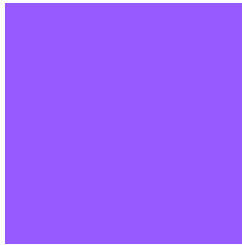


23.6960, 8.0379, 35.3466



# Previews

## White Background



This preview shows how the YUV color 126.6360, 62.7905, 20.4902 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

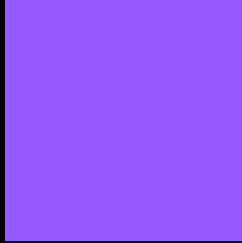
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 126.6360, 62.7905, 20.4902 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

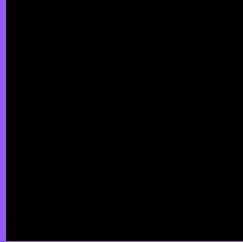
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.6360, 62.7905, 20.4902 Background



This preview shows how black text looks on a background with the YUV color 126.6360, 62.7905, 20.4902.



This preview shows how white text looks on a background with the YUV color 126.6360, 62.7905,



# 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

126.6360, 62.7905, 20.4902

### Protanopia

108.1590, 72.3926, -72.9304

### Deuteranopia

101.2590, 60.5113, -88.8041



## Tritanopia

126.2430, 4.8102, -2.8441

# Trichromacy



## Original Color

126.6360, 62.7905, 20.4902

## Protanomaly

114.5700, 69.2320, -39.0879

## Deuteranomaly

110.7400, 61.2602, -48.8840

## Tritanomaly

126.5040, 25.8805, 5.6970

# Monochromacy



## Original Color

126.6360, 62.7905, 20.4902

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.0050, 22.6755, 7.0116

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.6360, 62.7905, 20.4902 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, 90, 254)` looks like.

```
.text, #text, p{  
    color:rgb(150, 90, 254)  
}
```

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, 90, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 90, 254) }
```

## Border

The CSS property to change the border of an element to YUV 126.6360, 62.7905, 20.4902 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, 90, 254) }
```



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

```
.border{ border-color:rgb(150, 90, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 90, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 90, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 90, 254);  
box-shadow:4px 4px 4px 4px rgb(150, 90,  
254) }
```

# Background

The CSS property to change the background color of an element to YUV 126.6360, 62.7905, 20.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 90, 254) }
```

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

```
.background{ background-color: rgb(150, 90,  
254) }
```

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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