

# Converting Colors

YUV(138.8260, 0.5788, 1.0296)

Have a look what the booklet for  
YUV(138.8260, 0.5788, 1.0296)  
contains.

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# Color

**YUV(138.8260, 0.5788,  
1.0296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C8A8C
RGB	140, 138, 140
RGB Percent	55%, 54%, 55%
CMY	0.4510, 0.4588, 0.4510
CMYK	0.00, 0.01, 0.00, 0.45
HSL	300°, 1%, 55%
HSV	300°, 1%, 55%
XYZ	24.6373, 25.6459, 28.4626
YIQ	138.8260, 0.5500, 1.0460

# Conversions

## Conversions Part 2

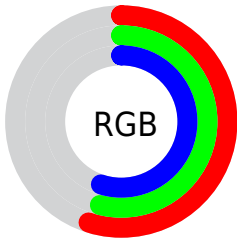
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 138, 140
Decimal	9210508
CIE <sub>Lab</sub>	57.70, 1.13, -0.81
CIE <sub>LCh</sub>	58, 1.394, 324.376
Yxy	25.6459, 0.3129, 0.3257
Android (android.graphics.Color)	4287400588 (0xFF8C8A8C)
YUV	138.8260, 0.5788, 1.0296
Hunter-Lab	50.6417, -1.7824, 2.1260

# Details

The YUV color  $138.8260, 0.5788, 1.0296$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $139.1740, -0.5788, -1.0296$ , and the grayscale version is  $139.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $192.1250, 0.4314, 1.6444$ , and  $88.8260, 0.5788, 1.0296$  is the 20% darker color. If you saturate the color by 10%, you get  $130.6080, 4.6303, 8.2368$ , and if you desaturate by 10%, it is  $147.0440, -3.4727, -6.1776$ .

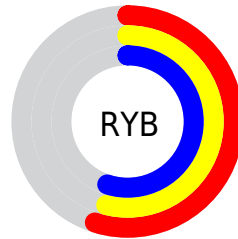
# Distribution



Red (55%)

Green (54%)

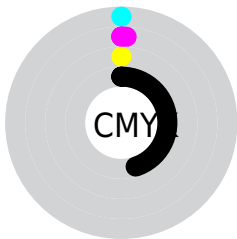
Blue (55%)



Red (55%)

Yellow (54%)

Blue (55%)

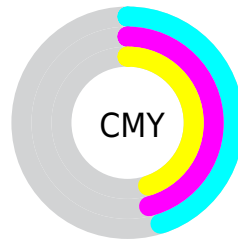


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (46%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.8260, 0.5788, 1.0296 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 138.8260, 0.5788, 1.0296 by changing the saturation by 10% instead.




 138.8260, 0.5788,  
1.0296


 138.8260, 0.5788,  
1.0296

255.0000, 0.0000,  
0.0000


 113.8260, 0.5788,  
1.0296


 192.1250, 0.4314,  
1.6444

 88.8260, 0.5788,  
1.0296


 219.8260, 0.5788,  
1.0296

 65.8260, 0.5788,  
1.0296

 248.8260, 0.5788,  
1.0296

 43.8260, 0.5788,  
1.0296

 22.8260, 0.5788,  
1.0296

 0.0000, 0.0000,  
0.0000

■ 138.8260, 0.5788,  
1.0296

■ 138.8260, 0.5788,  
1.0296

■ 130.6080, 4.6303,  
8.2368

■ 147.0440, -3.4727,  
-6.1776

■ 122.3900, 8.6817,  
15.4440

■ 155.2620, -7.5242,  
-13.3848

■ 114.1720, 12.7332,  
22.6512

■ 163.4800,  
-11.5756, -20.5920

■ 105.9540, 16.7847,  
29.8583

■ 171.6980,  
-15.6271, -27.7991

■ 97.7360, 20.8362,  
37.0655

■ 179.9160,  
-19.6786, -35.0063

■ 89.5180, 24.8876,  
44.2727

■ 188.1340,  
-23.7301, -42.2135

■ 81.3000, 28.9391,  
51.4799

■ 196.3520,  
-27.7815, -49.4207

■ 73.0820, 32.9906,

■ 204.5700,

58.6871

-31.8330, -56.6279

■ 64.8640, 37.0420,  
65.8943

■ 207.5050,  
-33.2800, -59.2019

# Harmonies

## Analogous

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



138.6410, 1.1630, 0.3148



138.8260, 0.5788, 1.0296



139.0110, -0.0054, 1.7444

# Triad

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



138.8260, 0.5788, 1.0296



138.3700, -1.1684, 1.4295



138.2170, 0.8790, -1.9443

# Complementary

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



138.8260, 0.5788, 1.0296



139.1740, -0.5788, -1.0296

# 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.



137.9890, 0.0054, -1.7444



138.8260, 0.5788, 1.0296



138.6580, -1.3104, 0.2999

# Square

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



138.8260, 0.5788, 1.0296



138.7830, -0.8790, 1.9443



138.1740, -0.5788, -1.0296



138.2170, 0.8790, -1.9443



# Rectangle

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



138.8260, 0.5788, 1.0296



138.8970, -0.4422, 1.8443



138.1740, -0.5788, -1.0296



138.1030, 0.4422, -1.8443

# Sweetspot

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



138.8260, 0.5788, 1.0296



181.0000, 0.0000, 0.0000



138.2280, 0.8736, -0.2000



92.0000, 0.0000, 0.0000



219.0000, 0.0000, 0.0000

# Same Dimension

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



138.8260, 0.5788, 1.0296



178.6520, 1.1576, 2.0592



138.7120, 0.1420, 1.1296



67.8260, 0.5788, 1.0296



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740



# Inverse Universe

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



138.8260, 0.5788, 1.0296



178.6520, 1.1576, 2.0592



139.2880, -0.1420, -1.1296



67.8260, 0.5788, 1.0296



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740



# Previews

## White Background



This preview shows how the YUV color 138.8260, 0.5788, 1.0296 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 138.8260, 0.5788, 1.0296 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

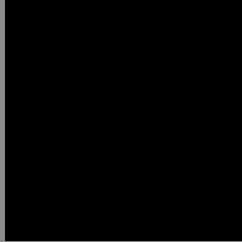
Any Text WCAG AAA × Fail

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



**YUV 138.8260, 0.5788, 1.0296**

## **Background**



This preview shows how black text looks on a background with the YUV color 138.8260, 0.5788, 1.0296.



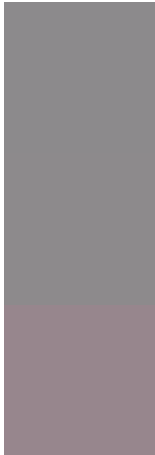
This preview shows how white text looks on a background with the YUV color 138.8260, 0.5788,



# 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

138.8260, 0.5788, 1.0296

### Protanopia

139.1250, 0.4314, 1.6444

### Deuteranopia

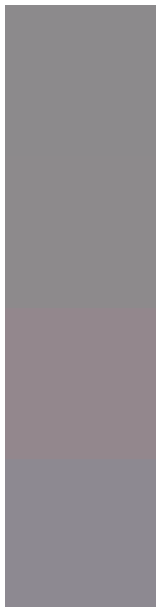
139.8810, 0.5517, 9.7514



## Tritanopia

139.4500, 4.2152, 1.3594

# Trichromacy



## Original Color

138.8260, 0.5788, 1.0296

## Protanomaly

139.1250, 0.4314, 1.6444

## Deuteranomaly

139.2720, 0.8519, 6.7775

## Tritanomaly

139.1080, 2.9048, 1.6593

# Monochromacy



## Original Color

138.8260, 0.5788, 1.0296

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

139.0000, 0.0000, 0.0000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.8260, 0.5788, 1.0296 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(140, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 138, 140)  
}
```

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(140, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 138, 140) }
```

## Border

The CSS property to change the border of an element to YUV 138.8260, 0.5788, 1.0296 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(140, 138, 140) }
```

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

```
.border{ border-color:rgb(140, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 138,  
140) }
```



# Background

The CSS property to change the background color of an element to YUV 138.8260, 0.5788, 1.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 138, 140) }
```

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

```
.background{ background-color: rgb(140,  
138, 140) }
```

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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