

# Converting Colors

YUV(108.7780, -53.6276,  
27.3817)

Have a look what the booklet for  
YUV(108.7780, -53.6276, 27.3817)  
contains.

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# Color

**YUV(108.7780, -53.6276,  
27.3817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C7200
RGB	140, 114, 0
RGB Percent	55%, 45%, 0%
CMY	0.4510, 0.5529, 1.0000
CMYK	0.00, 0.19, 1.00, 0.45
HSL	49°, 100%, 27%
HSV	49°, 100%, 55%
XYZ	16.8325, 17.6101, 2.5119
YIQ	108.7780, 52.0900, -29.9420

# Conversions

## Conversions Part 2

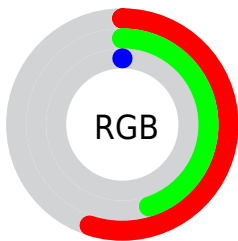
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 140, 0
Decimal	9204224
CIE <sub>Lab</sub>	49.02, 0.53, 55.17
CIE <sub>LCh</sub>	49, 55.171, 89.452
Yxy	17.6101, 0.4555, 0.4765
Android (android.graphics.Color)	4287394304 (0xFF8C7200)
YUV	108.7780, -53.6276, 27.3817
Hunter-Lab	41.9644, -1.8386, 25.8261

# Details

The YUV color **108.7780, -53.6276, 27.3817** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **31.2220, 53.6276, -27.3817**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0540, -48.8336, 29.7706**, and **64.7440, -31.9188, 17.7645** is the 20% darker color. If you saturate the color by 10%, you get **108.7780, -53.6276, 27.3817**, and if you desaturate by 10%, it is **112.1350, -48.3806, 24.4376**.

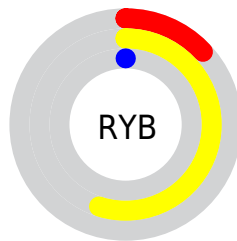
# Distribution



Red (55%)

Green (45%)

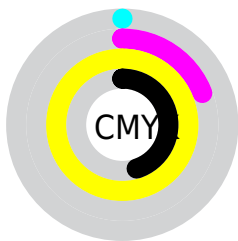
Blue (0%)



Red (13%)

Yellow (55%)

Blue (0%)

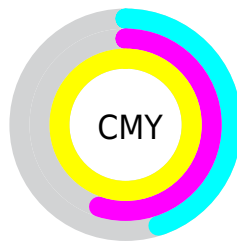


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 108.7780, -53.6276, 27.3817 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 108.7780, -53.6276, 27.3817 by changing the saturation by 10% instead.



■ 108.7780,  
-53.6276, 27.3817

■ 108.7780,  
-53.6276, 27.3817

■ 255.0000, 0.0000,  
0.0000

■ 86.3180, -42.5548,  
22.5231

■ 163.0540,  
-48.8336, 29.7706

■ 64.7440, -31.9188,  
17.7645

■ 190.8370,  
-49.7126, 31.7150

■ 44.0560, -21.7196,  
13.1059

■ 218.6090,  
-50.5862, 31.9149

■ 24.8410, -12.2466,  
8.0324


■ 238.7100,  
-47.1850, 14.2863

■ 0.0000, 0.0000,  
0.0000


■ 245.3100,  
-37.1278, 8.4981

■ 248.6160,


-24.4607, 5.5988


 251.8080,  
-12.2303, 2.7994


 108.7780,  
-53.6276, 27.3817

 112.1350,  
-48.3806, 24.4376

 114.9050,  
-42.8442, 22.0083

 118.2620,  
-37.5972, 19.0642

 121.0320,  
-32.0608, 16.6349

 124.3890,  
-26.8138, 13.6908

■ 127.7460,  
-21.5668, 10.7468

■ 130.5160,  
-16.0304, 8.3175

■ 133.8730,  
-10.7834, 5.3734

■ 136.6430, -5.2470,  
2.9441

# Harmonies

## Analogous

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



112.7380, -39.3108, 55.4808



108.7780, -53.6276, 27.3817



105.2770, -40.5626, -9.8899

# Triad

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



108.7780, -53.6276, 27.3817



99.3600, 30.3885, -87.1387



118.9590, 22.6982, 46.5170

# Complementary

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



108.7780, -53.6276, 27.3817



31.2220, 53.6276, -27.3817

# 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.



117.4070, 39.7323, -3.8649



108.7780, -53.6276, 27.3817



100.5290, 47.5602, -88.1639

# Square

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



108.7780, -53.6276, 27.3817



94.0020, 9.8590, -82.4398



95.5540, 56.4219, -83.8009



113.2710, 2.8244, 74.3073



# Rectangle

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



108.7780, -53.6276, 27.3817



99.1340, -23.7301, -42.2135



95.5540, 56.4219, -83.8009



119.7660, 28.7094, 31.7772

# Sweetspot

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



108.7780, -53.6276, 27.3817



168.9740, -20.6932, 10.5468



45.0520, -8.4066, 83.2694



84.7160, -12.6780, 6.3881



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



108.7780, -53.6276, 27.3817



140.4080, -69.2211, 35.5992



111.4820, -54.9606, -11.8237



67.6150, -2.7682, 1.2146



103.1630, -50.8594, 26.1670



3.8430, -1.8946, 1.0147



# Inverse Universe

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



31.2220, 53.6276, -27.3817



40.5920, 69.2211, -35.5992



28.5180, 54.9606, 11.8237



63.3850, 2.7682, -1.2146



29.8370, 50.8594, -26.1670

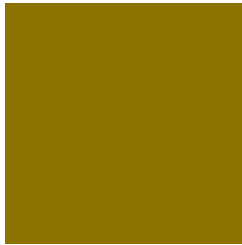


1.1570, 1.8946, -1.0147



# Previews

## White Background



This preview shows how the YUV color 108.7780, -53.6276, 27.3817 looks on a white 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



# Black Background



This preview shows how the YUV color 108.7780, -53.6276, 27.3817 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 108.7780, -53.6276, 27.3817

## Background



This preview shows how black text looks on a background with the YUV color 108.7780, -53.6276, 27.3817.



This preview shows how white text looks on a background with the YUV color 108.7780, -53.6276, 27.3817.



# 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



### Protanopia

108.8310, -50.6957, 20.3192

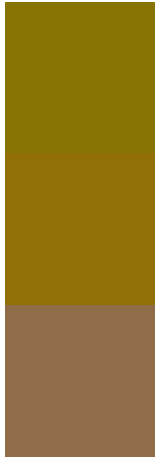
### Deuteranopia

110.6630, -49.1339, 32.7445

### Tritanopia

118.8720, -2.4019, 23.7913

# Trichromacy



## Protanomaly

108.9130, -51.7221, 22.8783

## Deuteranomaly

109.8970, -50.7282, 30.7853

## Tritanomaly

115.3610, -20.8840, 25.1164

# Monochromacy



## Achromatopsia

109.0000, 0.0000, 0.0000

## Achromatomaly

108.9030, -19.6722, 9.7321

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 108.7780, -53.6276, 27.3817 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, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 114, 0)  
}
```

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, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 114, 0) }
```

## Border

The CSS property to change the border of an element to YUV 108.7780, -53.6276, 27.3817 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, 114, 0) }
```

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

```
.border{ border-color:rgb(140, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 114,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 108.7780, -53.6276, 27.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 114, 0) }
```

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

```
.background{ background-color: rgb(140,  
114, 0) }
```

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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