

# Converting Colors

YUV(104.2950, 2.3196,  
-44.1087)

Have a look what the booklet for  
YUV(104.2950, 2.3196, -44.1087)  
contains.

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# Color

**YUV(104.2950, 2.3196,  
-44.1087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36816D
RGB	54, 129, 109
RGB Percent	21%, 51%, 43%
CMY	0.7882, 0.4941, 0.5725
CMYK	0.58, 0.00, 0.16, 0.49
HSL	164°, 41%, 36%
HSV	164°, 58%, 51%
XYZ	12.1319, 17.5889, 17.2236
YIQ	104.2950, -38.2800, -22.1200

# Conversions

## Conversions Part 2

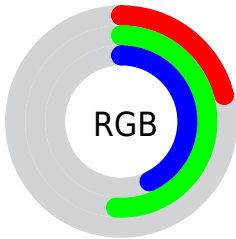
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 97, 129
Decimal	3572077
CIELab	48.99, -28.40, 3.89
CIELCh	49, 28.662, 172.193
Yxy	17.5889, 0.2584, 0.3747
Android (android.graphics.Color)	4281762157 (0xFF36816D)
YUV	104.2950, 2.3196, -44.1087
Hunter-Lab	41.9391, -21.7581, 5.0082

# Details

The YUV color **104.2950, 2.3196, -44.1087** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **78.7050, -2.3196, 44.1087**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3660, 1.2986, -43.2940**, and **53.4410, 4.2196, -46.8678** is the 20% darker color. If you saturate the color by 10%, you get **100.0660, 2.9255, -51.8009**, and if you desaturate by 10%, it is **108.5240, 1.7137, -36.4165**.

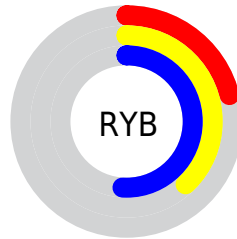
# Distribution



Red (21%)

Green (51%)

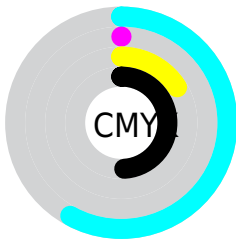
Blue (43%)



Red (21%)

Yellow (38%)

Blue (51%)

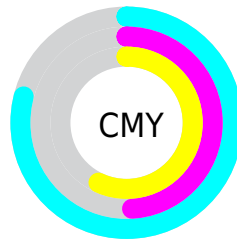


Cyan (58%)

Magenta (0%)

Yellow (16%)

Black (49%)



Cyan (79%)

Magenta (49%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.2950, 2.3196, -44.1087 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 104.2950, 2.3196, -44.1087 by changing the saturation by 10% instead.



■ 104.2950, 2.3196,  
-44.1087

■ 104.2950, 2.3196,  
-44.1087

■ 255.0000, 0.0000,  
0.0000

■ 77.9140, 3.4934,  
-47.2826

■ 157.3660, 1.2986,  
-43.2940

■ 53.4410, 4.2196,  
-46.8678

■ 184.9530, 1.0092,  
-43.8088

■ 37.4320, 1.2660,  
-32.8279

■ 213.2410, 0.8672,  
-44.9384

■ 22.7110, -1.8295,  
-19.9175

■ 234.6100, 4.6293,  
-38.2460

■ 0.0000, 0.0000,  
0.0000

■ 244.2360, 5.3067,  
-22.1320

■ 252.9070, 1.0318,

-4.3034

■ 104.2950, 2.3196,  
-44.1087

■ 104.2950, 2.3196,  
-44.1087

■ 100.0660, 2.9255,  
-51.8009

■ 108.5240, 1.7137,  
-36.4165

■ 95.7230, 3.0946,  
-59.3931

■ 112.8670, 1.5446,  
-28.8244

■ 91.4940, 3.7005,  
-67.0852

■ 117.0960, 0.9387,  
-21.1322

■ 87.1510, 3.8696,  
-74.6774

■ 121.4390, 0.7696,  
-13.5400

■ 86.5530, 4.1644,  
-75.9070

■ 125.6680, 0.1637,  
-5.8478

■ 129.7120, 0.1420,  
1.1296

■ 133.9410, -0.4639,  
8.8217

■ 138.2840, -0.6330,  
16.4139

■ 142.5130, -1.2389,  
24.1061

# Harmonies

## Analogous

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



109.4800, -11.5756, -20.5920



104.2950, 2.3196, -44.1087



96.0820, 18.6936, -69.3549

# Triad

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



104.2950, 2.3196, -44.1087



116.9880, 21.6979, -6.1285



116.6980, -18.5851, 34.4679

# Complementary

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



104.2950, 2.3196, -44.1087



78.7050, -2.3196, 44.1087

# 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.



117.8480, -9.2921, 40.4753



104.2950, 2.3196, -44.1087



119.8510, 12.8915, 18.5477

# Square

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



104.2950, 2.3196, -44.1087



110.6530, 26.3001, -35.6527



119.2030, 2.3649, 34.9020



115.3450, -23.3411, 19.8684



# Rectangle

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



104.2950, 2.3196, -44.1087



95.5960, 25.8352, -73.3137



119.2030, 2.3649, 34.9020



117.4040, -15.9752, 37.3567

# Sweetspot

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



104.2950, 2.3196, -44.1087



158.8300, 1.0698, -16.5139



104.0050, -24.6525, -26.3144



78.4610, 0.7587, -10.0513



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



104.2950, 2.3196, -44.1087



129.1840, 3.8533, -69.4444



96.0090, 16.2646, -36.8419



61.6790, 0.1583, -4.1035



85.8520, 4.0170, -75.2922



0.0000, 0.0000, 0.0000



# Inverse Universe

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



78.7050, -2.3196, 44.1087



88.9300, -3.4165, 69.3444



86.9910, -16.2646, 36.8419



59.3210, -0.1583, 4.1035



42.1480, -4.0170, 75.2922

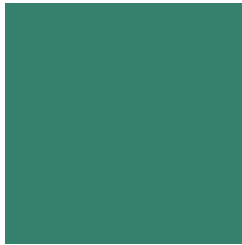


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 104.2950, 2.3196, -44.1087 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 104.2950, 2.3196, -44.1087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

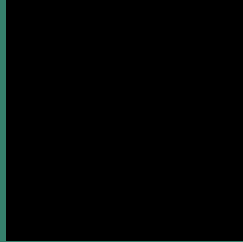
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 104.2950, 2.3196, -44.1087

## Background



This preview shows how black text looks on a background with the YUV color 104.2950, 2.3196, -44.1087.



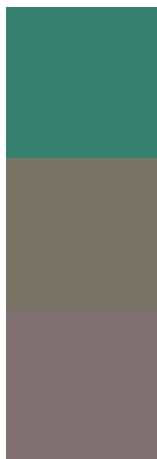
This preview shows how white text looks on a background with the YUV color 104.2950, 2.3196,



# 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

104.2950, 2.3196, -44.1087

### Protanopia

115.3120, -6.5628, 4.9884

### Deuteranopia

116.8980, -1.9217, 9.7365



## Tritanopia

107.6020, 13.5072, -39.1160

# Trichromacy



## Original Color

104.2950, 2.3196, -44.1087

## Protanomaly

111.4130, -3.1616, -12.6402

## Deuteranomaly

112.2330, -0.1149, -9.8513

## Tritanomaly

106.2660, 9.7289, -40.5753

# Monochromacy



## Original Color

104.2950, 2.3196, -44.1087

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

104.1290, 0.9224, -15.8991

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.2950, 2.3196, -44.1087 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(54, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(54, 129, 109)  
}
```

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(54, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 129, 109) }
```

## Border

The CSS property to change the border of an element to YUV 104.2950, 2.3196, -44.1087 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(54, 129, 109) }
```



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

```
.border{ border-color:rgb(54, 129, 109) }
```

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

Here you see how a box with a 4 pixel rgb(54, 129, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(54, 129,  
109) }
```

# Background

The CSS property to change the background color of an element to YUV 104.2950, 2.3196, -44.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 129, 109) }
```

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

```
.background{ background-color: rgb(54, 129,  
109) }
```

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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