

# Converting Colors

YUV(97.2260, 0.3816, -29.1392)

Have a look what the booklet for  
YUV(97.2260, 0.3816, -29.1392)  
contains.

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# Color

**YUV(97.2260, 0.3816,  
-29.1392)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	407262
RGB	64, 114, 98
RGB Percent	25%, 45%, 38%
CMY	0.7490, 0.5529, 0.6157
CMYK	0.44, 0.00, 0.14, 0.55
HSL	161°, 28%, 35%
HSV	161°, 44%, 45%
XYZ	10.3363, 14.0065, 13.7140
YIQ	97.2260, -24.6640, -15.5760

# Conversions

## Conversions Part 2

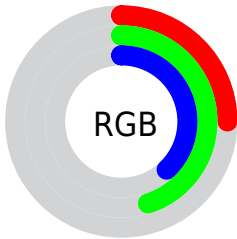
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 94, 114
Decimal	4223586
CIELab	44.24, -21.01, 3.61
CIElCh	44, 21.314, 170.241
Yxy	14.0065, 0.2716, 0.3680
Android (android.graphics.Color)	4282413666 (0xFF407262)
YUV	97.2260, 0.3816, -29.1392
Hunter-Lab	37.4252, -16.1951, 4.4715

# Details

The YUV color **97.2260, 0.3816, -29.1392** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.7740, -0.3816, 29.1392**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8130, 0.0922, -29.6540**, and **48.2580, 1.8448, -31.7983** is the 20% darker color. If you saturate the color by 10%, you get **93.4810, 0.2559, -35.5018**, and if you desaturate by 10%, it is **100.9710, 0.5073, -22.7766**.

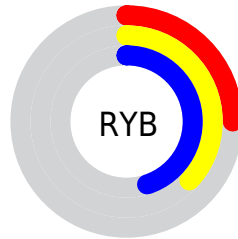
# Distribution



Red (25%)

Green (45%)

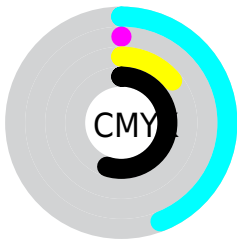
Blue (38%)



Red (25%)

Yellow (37%)

Blue (45%)

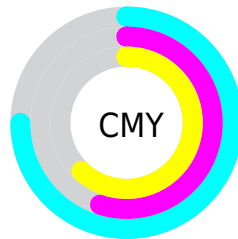


Cyan (44%)

Magenta (0%)

Yellow (14%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.2260, 0.3816, -29.1392 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 97.2260, 0.3816, -29.1392 by changing the saturation by 10% instead.



97.2260, 0.3816,  
-29.1392

97.2260, 0.3816,  
-29.1392

255.0000, 0.0000,  
0.0000

72.3400, 0.8184,  
-29.2392

148.8130, 0.0922,  
-29.6540

48.2580, 1.8448,  
-31.7983

175.4000, -0.1972,  
-30.1688

28.7750, 1.0969,  
-25.2357

203.1010, -0.0498,  
-30.7836

14.7720, -4.3246,  
-12.9550

231.6880, -0.3392,  
-31.2984

0.0000, 0.0000,  
0.0000

245.7310, 4.5696,  
-19.0581

254.4020, 0.2948,

-1.2296

■ 97.2260, 0.3816,  
-29.1392

■ 97.2260, 0.3816,  
-29.1392

■ 93.4810, 0.2559,  
-35.5018

■ 100.9710, 0.5073,  
-22.7766

■ 89.5510, 0.7144,  
-42.5792

■ 104.9010, 0.0488,  
-15.6992

■ 85.8060, 0.5886,  
-48.9419

■ 108.6460, 0.1745,  
-9.3365

■ 81.7620, 0.6103,  
-55.9193

■ 112.6900, 0.1528,  
-2.3591

■ 78.1310, 0.9214,  
-62.3819

■ 116.3210, -0.1583,  
4.1035

■ 75.8100, 1.0797,  
-66.4854

■ 120.0660, -0.0325,  
10.4661

■ 124.1100, -0.0542,  
17.4435

■ 127.7410, -0.3653,  
23.9061

■ 131.7850, -0.3870,  
30.8836

# Harmonies

## Analogous

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



100.0940, -9.4133, -14.1144



97.2260, 0.3816, -29.1392



94.7930, 10.4551, -40.1605

# Triad

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



97.2260, 0.3816, -29.1392



105.2070, 16.1669, -5.4435



105.6090, -13.6112, 25.7759

# Complementary

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



97.2260, 0.3816, -29.1392



80.7740, -0.3816, 29.1392

# 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.



106.4660, -6.6387, 29.4093



97.2260, 0.3816, -29.1392



107.3080, 9.7082, 12.8849

# Square

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



97.2260, 0.3816, -29.1392



101.0690, 18.7000, -24.6165



107.3220, 1.8133, 25.1506



104.3320, -16.9257, 15.4948



# Rectangle

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



97.2260, 0.3816, -29.1392



95.1610, 15.6966, -41.3602



107.3220, 1.8133, 25.1506



105.9020, -11.2907, 28.1499

# Sweetspot

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



97.2260, 0.3816, -29.1392



141.6350, 0.1799, -11.0809



98.4330, -16.9755, -15.2887



69.9560, 0.0217, -6.9774



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



97.2260, 0.3816, -29.1392



121.8280, 0.5778, -45.4532



94.3540, 9.6855, -26.6205



53.9780, 0.0108, -3.4887



79.6740, 0.6537, -69.8741



164.1410, 1.9025, -143.9517



# Inverse Universe

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



80.7740, -0.3816, 29.1392



96.1720, -0.5778, 45.4532



83.6460, -9.6855, 26.6205



52.0220, -0.0108, 3.4887



40.2120, -1.0905, 69.9741



82.8590, -1.9025, 143.9517



# Previews

## White Background



This preview shows how the YUV color 97.2260, 0.3816, -29.1392 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 97.2260, 0.3816, -29.1392 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

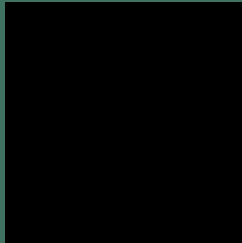
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 97.2260, 0.3816, -29.1392**

## **Background**



This preview shows how black text looks on a background with the YUV color 97.2260, 0.3816, -29.1392.



This preview shows how white text looks on a background with the YUV color 97.2260, 0.3816, -29.1392.



# 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

97.2260, 0.3816, -29.1392

### Protanopia

104.2410, -5.5418, 4.1736

### Deuteranopia

105.1860, -2.0637, 8.6069



## Tritanopia

99.7670, 9.9749, -26.1057

# Trichromacy



## Original Color

97.2260, 0.3816, -29.1392

## Protanomaly

102.0330, -3.4673, -7.9219

## Deuteranomaly

102.3260, -1.1467, -5.5479

## Tritanomaly

98.8440, 6.4859, -27.0502

# Monochromacy



## Original Color

97.2260, 0.3816, -29.1392

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.9340, 0.0325, -10.4661

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.2260, 0.3816, -29.1392 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(64, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(64, 114, 98)  
}
```

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(64, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 114, 98) }
```

## Border

The CSS property to change the border of an element to YUV 97.2260, 0.3816, -29.1392 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(64, 114, 98) }
```



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

```
.border{ border-color:rgb(64, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(64, 114,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 97.2260, 0.3816, -29.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 114, 98) }
```

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

```
.background{ background-color: rgb(64, 114,  
98) }
```

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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