

# Converting Colors

YUV(106.9980, 2.9590,  
-15.7842)

Have a look what the booklet for  
YUV(106.9980, 2.9590, -15.7842)  
contains.

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# Color

**YUV(106.9980, 2.9590,  
-15.7842)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	597371
RGB	89, 115, 113
RGB Percent	35%, 45%, 44%
CMY	0.6510, 0.5490, 0.5569
CMYK	0.23, 0.00, 0.02, 0.55
HSL	175°, 13%, 40%
HSV	175°, 23%, 45%
XYZ	13.2312, 15.5776, 17.9322
YIQ	106.9980, -14.8540, -6.1340

# Conversions

## Conversions Part 2

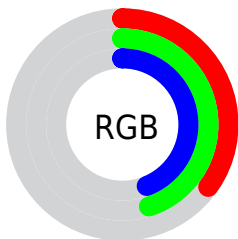
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 103, 115
Decimal	5862257
CIE Lab	46.42, -9.90, -2.02
CIE LCh	46, 10.101, 191.508
Yxy	15.5776, 0.2831, 0.3333
Android (android.graphics.Color)	4284052337 (0xFF597371)
YUV	106.9980, 2.9590, -15.7842
Hunter-Lab	39.4684, -9.2303, 0.6899

# Details

The YUV color **106.9980, 2.9590, -15.7842** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **97.0020, -2.9590, 15.7842**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6990, 3.1064, -16.3990**, and **59.2970, 2.8116, -15.1695** is the 20% darker color. If you saturate the color by 10%, you get **103.5950, 4.1437, -22.4468**, and if you desaturate by 10%, it is **110.7000, 1.6269, -8.5069**.

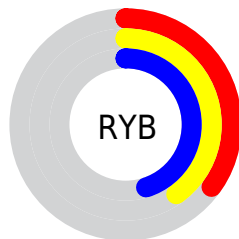
# Distribution



Red (35%)

Green (45%)

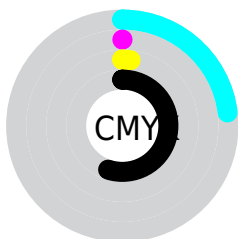
Blue (44%)



Red (35%)

Yellow (40%)

Blue (45%)

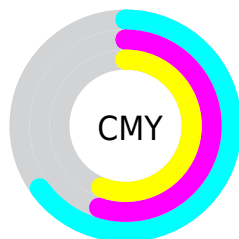


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.9980, 2.9590, -15.7842 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 106.9980, 2.9590, -15.7842 by changing the saturation by 10% instead.



■ 106.9980, 2.9590,  
-15.7842

■ 106.9980, 2.9590,  
-15.7842

■ 255.0000, 0.0000,  
0.0000

■ 82.4110, 3.2484,  
-15.2694

■ 158.6990, 3.1064,  
-16.3990

■ 59.2970, 2.8116,  
-15.1695

■ 185.4000, 3.2538,  
-17.0138

■ 37.2970, 2.8116,  
-15.1695

■ 213.1010, 3.4012,  
-17.6286

■ 17.2970, 2.8116,  
-15.1695

■ 241.6880, 3.1118,  
-18.1434

■ 0.0000, 0.0000,  
0.0000

■ 253.5050, 0.7370,  
-3.0739

■ 106.9980, 2.9590,  
-15.7842

■ 106.9980, 2.9590,  
-15.7842

■ 103.5950, 4.1437,  
-22.4468

■ 110.7000, 1.6269,  
-8.5069

■ 99.8930, 5.4758,  
-29.7242

■ 114.1030, 0.4422,  
-1.8443

■ 96.1910, 6.8078,  
-37.0015

■ 117.8050, -0.8899,  
5.4330

■ 92.7880, 7.9925,  
-43.6641

■ 121.2080, -2.0745,  
12.0956

■ 89.2000, 9.7614,  
-51.0414

■ 124.7960, -3.8434,  
19.4729

■ 85.7970, 10.9461,  
-57.7040

■ 128.1990, -5.0281,  
26.1355

■ 82.0950, 12.2782,  
-64.9813

■ 131.9010, -6.3602,  
33.4128

■ 79.5890, 13.0206,

■ 135.3040, -7.5449,

-69.7996

40.0754

 139.0060, -8.8770,  
47.3527

# Harmonies

## Analogous

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



107.7660, -1.8566, -11.1958



106.9980, 2.9590, -15.7842



107.3230, 6.7428, -16.0693

# Triad

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



106.9980, 2.9590, -15.7842



111.5150, 5.6621, 3.9333



110.5900, -8.1789, 10.0066

# Complementary

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



106.9980, 2.9590, -15.7842



97.0020, -2.9590, 15.7842

# 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.



110.8940, -5.8637, 14.1250



106.9980, 2.9590, -15.7842



111.9350, 2.0040, 10.5810

# Square

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



106.9980, 2.9590, -15.7842



110.3290, 7.7258, -4.6735



111.5180, -2.2274, 14.4547



108.9590, -7.8678, 3.5440



# Rectangle

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



106.9980, 2.9590, -15.7842



108.0890, 8.3371, -14.1101



111.5180, -2.2274, 14.4547



110.7150, -7.7475, 11.6509

# Sweetspot

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



106.9980, 2.9590, -15.7842



147.0100, 1.4741, -6.1478



104.8600, -7.8190, -12.1552



74.7930, 0.5951, -4.2035



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



106.9980, 2.9590, -15.7842



137.6980, 4.5859, -24.2911



100.7690, 7.0159, -10.3214



57.0920, 0.4476, -3.5887



84.4960, 14.0525, -74.1030



173.0840, 28.5526, -151.7947



# Inverse Universe

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



97.0020, -2.9590, 15.7842



122.3020, -4.5859, 24.2911



103.2310, -7.0159, 10.3214



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030



76.9160, -28.5526, 151.7947



# Previews

## White Background



This preview shows how the YUV color 106.9980, 2.9590, -15.7842 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 106.9980, 2.9590, -15.7842 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

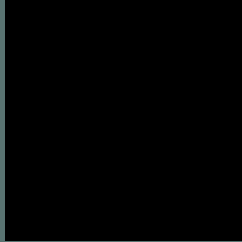
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

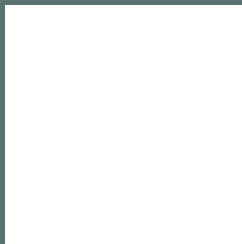
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 106.9980, 2.9590, -15.7842

## Background



This preview shows how black text looks on a background with the YUV color 106.9980, 2.9590, -15.7842.



This preview shows how white text looks on a background with the YUV color 106.9980, 2.9590,

-15.7842.

# 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

106.9980, 2.9590, -15.7842

### Protanopia

110.0110, -0.0054, 1.7444

### Deuteranopia

110.6140, 2.1623, 6.4775



## Tritanopia

108.1490, 7.3215, -15.0397

# Trichromacy



## Original Color

106.9980, 2.9590, -15.7842

## Protanomaly

108.9070, 1.0318, -4.3034

## Deuteranomaly

108.9720, 2.4788, -1.7294

## Tritanomaly

107.3940, 5.7218, -15.2545

# Monochromacy



## Original Color

106.9980, 2.9590, -15.7842

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.8960, 1.0373, -6.0478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.9980, 2.9590, -15.7842 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(89, 115, 113)` looks like.

```
.text, #text, p{  
    color:rgb(89, 115, 113)  
}
```

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(89, 115, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 115, 113) }
```

## Border

The CSS property to change the border of an element to YUV 106.9980, 2.9590, -15.7842 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(89, 115, 113) }
```



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

```
.border{ border-color:rgb(89, 115, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 115, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 115, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 115, 113);  
box-shadow:4px 4px 4px 4px rgb(89, 115,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 106.9980, 2.9590, -15.7842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 115, 113) }
```

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

```
.background{ background-color: rgb(89, 115,  
113) }
```

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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