

# Converting Colors

YUV(100.9390, -0.9559,  
-20.1175)

Have a look what the booklet for  
YUV(100.9390, -0.9559, -20.1175)  
contains.

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# Color

**YUV(100.9390, -0.9559,  
-20.1175)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E7163
RGB	78, 113, 99
RGB Percent	31%, 44%, 39%
CMY	0.6941, 0.5569, 0.6118
CMYK	0.31, 0.00, 0.12, 0.56
HSL	156°, 18%, 37%
HSV	156°, 31%, 44%
XYZ	11.2991, 14.3308, 13.9750
YIQ	100.9390, -16.3660, -11.7740

# Conversions

## Conversions Part 2

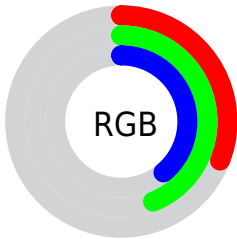
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 100, 113
Decimal	5140835
CIELab	44.70, -15.80, 3.78
CIELCh	45, 16.247, 166.560
Yxy	14.3308, 0.2853, 0.3618
Android (android.graphics.Color)	4283330915 (0xFF4E7163)
YUV	100.9390, -0.9559, -20.1175
Hunter-Lab	37.8561, -12.9700, 4.6117

# Details

The YUV color **100.9390, -0.9559, -20.1175** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.0610, 0.9559, 20.1175**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2270, -1.0979, -21.2471**, and **53.4660, -0.2297, -19.7027** is the 20% darker color. If you saturate the color by 10%, you get **97.0800, -1.5184, -26.3802**, and if you desaturate by 10%, it is **104.7980, -0.3934, -13.8548**.

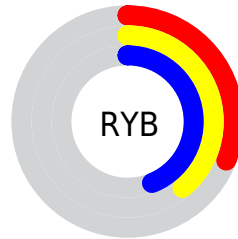
# Distribution



Red (31%)

Green (44%)

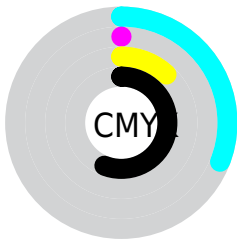
Blue (39%)



Red (31%)

Yellow (39%)

Blue (44%)

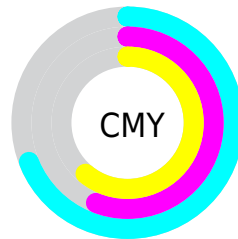


Cyan (31%)

Magenta (0%)

Yellow (12%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.9390, -0.9559, -20.1175 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 100.9390, -0.9559, -20.1175 by changing the saturation by 10% instead.



100.9390, -0.9559,  
-20.1175

100.9390, -0.9559,  
-20.1175

255.0000, 0.0000,  
0.0000

76.3520, -0.6665,  
-19.6027

152.2270, -1.0979,  
-21.2471

53.4660, -0.2297,  
-19.7027

178.8140, -1.3873,  
-21.7619

31.1670, -0.0823,  
-20.3175

206.5150, -1.2399,  
-22.3767

14.2990, -3.5984,  
-12.5402

235.1020, -1.5293,  
-22.8915

0.0000, 0.0000,  
0.0000

249.9170, 2.5059,  
-10.4512

■ 100.9390, -0.9559,  
-20.1175

■ 100.9390, -0.9559,  
-20.1175

■ 97.0800, -1.5184,  
-26.3802

■ 104.7980, -0.3934,  
-13.8548

■ 93.0360, -1.4967,  
-33.3576

■ 108.8420, -0.4151,  
-6.8774

■ 89.1770, -2.0593,  
-39.6202

■ 112.7010, 0.1474,  
-0.6148

■ 85.4320, -2.1850,  
-45.9829

■ 116.4460, 0.2731,  
5.7479

■ 81.5730, -2.7475,  
-52.2455

■ 120.6040, 0.6882,  
12.6253

■ 77.5290, -2.7258,  
-59.2229

■ 124.3490, 0.8139,  
18.9879

■ 74.0830, -2.9989,  
-64.9708

■ 128.2080, 1.3765,  
25.2506

■ 131.9530, 1.5022,

31.6132

■ 136.1110, 1.9173,  
38.4907

# Harmonies

## Analogous

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



102.8820, -7.8298, -8.6665



100.9390, -0.9559, -20.1175



99.5450, 6.6333, -27.6650

# Triad

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



100.9390, -0.9559, -20.1175



105.8820, 12.3832, -5.1585



107.2000, -9.9586, 20.8726

# Complementary

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



100.9390, -0.9559, -20.1175



90.0610, 0.9559, 20.1175

# 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.



107.7040, -4.2911, 23.0616



100.9390, -0.9559, -20.1175



107.8190, 7.9772, 8.0517

# Square

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



100.9390, -0.9559, -20.1175



103.5490, 14.0263, -18.8985



108.2780, 1.8349, 18.1732



105.7600, -12.6997, 13.3655



# Rectangle

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



100.9390, -0.9559, -20.1175



100.1580, 10.2751, -29.0796



108.2780, 1.8349, 18.1732



107.2540, -8.5062, 21.7022

# Sweetspot

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



100.9390, -0.9559, -20.1175



143.5430, -0.2677, -7.4922



102.7310, -12.1924, -9.4111



71.2660, -0.1311, -4.6183



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.



100.9390, -0.9559, -20.1175



129.0470, -1.5022, -31.6132



100.1870, 6.3168, -19.4580



53.9780, 0.0108, -3.4887



78.6480, -3.2775, -68.9743



161.8610, -6.8335, -141.9521



# Inverse Universe

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



90.0610, 0.9559, 20.1175



111.9530, 1.5022, 31.6132



90.8130, -6.3168, 19.4580



52.1360, 0.4260, 3.3887



41.3520, 3.2775, 68.9743



85.1390, 6.8335, 141.9521



# Previews

## White Background



This preview shows how the YUV color 100.9390, -0.9559, -20.1175 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 100.9390, -0.9559, -20.1175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

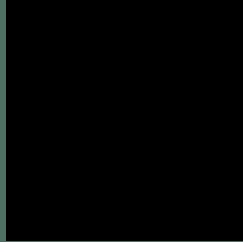
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 100.9390, -0.9559, -20.1175

## Background



This preview shows how black text looks on a background with the YUV color 100.9390, -0.9559, -20.1175.



This preview shows how white text looks on a background with the YUV color 100.9390, -0.9559, -20.1175.

-20.1175.

# 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

100.9390, -0.9559, -20.1175

### Protanopia

105.3550, -5.1050, 4.0737

### Deuteranopia

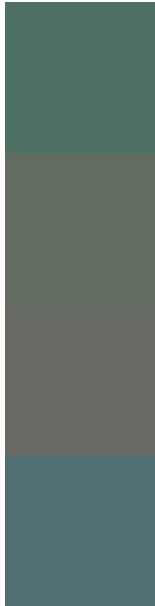
106.3710, -2.6479, 9.3216



## Tritanopia

102.6540, 8.0586, -18.1136

# Trichromacy



## Original Color

100.9390, -0.9559, -20.1175

## Protanomaly

103.6420, -3.7675, -4.9480

## Deuteranomaly

104.4190, -2.1786, -1.2445

## Tritanomaly

102.1440, 4.8590, -18.5433

# Monochromacy



## Original Color

100.9390, -0.9559, -20.1175

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.8420, -0.4151, -6.8774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.9390, -0.9559, -20.1175 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(78, 113, 99)` looks like.

```
.text, #text, p{  
    color:rgb(78, 113, 99)  
}
```

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(78, 113, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 113, 99) }
```

## Border

The CSS property to change the border of an element to YUV 100.9390, -0.9559, -20.1175 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(78, 113, 99) }
```



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

```
.border{ border-color:rgb(78, 113, 99) }
```

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

Here you see how a box with a 4 pixel rgb(78, 113, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 113, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 113, 99);  
box-shadow:4px 4px 4px 4px rgb(78, 113,  
99) }
```

# Background

The CSS property to change the background color of an element to YUV 100.9390, -0.9559, -20.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 113, 99) }
```

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

```
.background{ background-color: rgb(78, 113,  
99) }
```

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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