

Converting Colors

YUV(133.9760, -3.4392,
29.8390)

Have a look what the booklet for
YUV(133.9760, -3.4392, 29.8390)
contains.

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Color

**YUV(133.9760, -3.4392,
29.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	A8767F
RGB	168, 118, 127
RGB Percent	66%, 46%, 50%
CMY	0.3412, 0.5373, 0.5020
CMYK	0.00, 0.30, 0.24, 0.34
HSL	349°, 22%, 56%
HSV	349°, 30%, 66%
XYZ	26.4576, 22.8140, 23.0877
YIQ	133.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

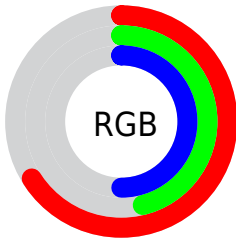
Format	Color
R_{YB}	168, 118, 127
Decimal	11040383
CIE _{Lab}	54.88, 20.95, 2.94
CIE _{LCh}	55, 21.156, 8.001
Yxy	22.8140, 0.3656, 0.3153
Android (android.graphics.Color)	4289230463 (0xFFA8767F)
YUV	133.9760, -3.4392, 29.8390
Hunter-Lab	47.7640, 15.2885, 4.7757

Details

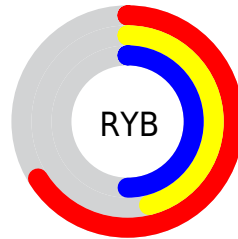
The YUV color **133.9760, -3.4392, 29.8390** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **152.0240, 3.4392, -29.8390**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8730, -3.8814, 31.6834**, and **83.7800, -2.8495, 27.3799** is the 20% darker color. If you saturate the color by 10%, you get **122.4010, -4.6347, 39.9903**, and if you desaturate by 10%, it is **145.5510, -2.2436, 19.6878**.

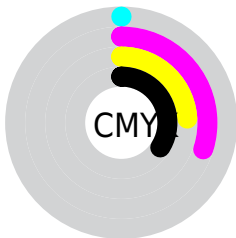
Distribution



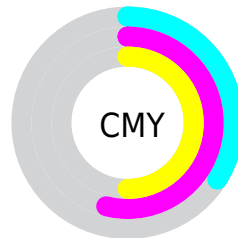
- Red (66%)
- Green (46%)
- Blue (50%)



- Red (66%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9760, -3.4392, 29.8390 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 133.9760, -3.4392, 29.8390 by changing the saturation by 10% instead.


 133.9760, -3.4392,
29.8390

 133.9760, -3.4392,
29.8390


255.0000, 0.0000,
0.0000


 108.3780, -3.1444,
28.6095


 187.8730, -3.8814,
31.6834


 83.7800, -2.8495,
27.3799


 215.4710, -4.1762,
32.9129

 59.8830, -2.4073,
25.5356

 235.6970, -0.3436,
16.9287

 37.3990, -1.6757,
24.2061

 14.5130, -1.2389,
24.1061

 0.0000, 0.0000,
0.0000

133.9760, -3.4392,
29.8390

133.9760, -3.4392,
29.8390

122.4010, -4.6347,
39.9903

145.5510, -2.2436,
19.6878

110.8260, -5.8302,
50.1416

157.1260, -1.0481,
9.5365

99.9520, -6.8783,
59.6781

168.0000, 0.0000,
0.0000

88.3770, -8.0739,
69.8294

179.5750, 1.1955,
-10.1513

76.8020, -9.2694,
79.9806

191.1500, 2.3911,
-20.3025

65.2270, -10.4649,
90.1319

202.7250, 3.5866,
-30.4538

53.7660, -11.2236,
100.1832


214.1860, 4.3453,
-40.5051

53.6520, -11.6604,

225.1740, 5.8302,

100.2832

-50.1416

 228.5310, 11.0772,
-53.0857

Harmonies

Analogous

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



134.5110, 5.1711, 21.4769



133.9760, -3.4392, 29.8390



132.9130, -11.2961, 29.8943

Triad

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



133.9760, -3.4392, 29.8390



127.6280, -12.6346, -7.5668



126.4380, 19.0111, -31.0791

Complementary

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



133.9760, -3.4392, 29.8390



152.0240, 3.4392, -29.8390

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.



123.5310, 14.5282, -39.9307



133.9760, -3.4392, 29.8390



125.1190, -4.0027, -22.9064

Square

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



133.9760, -3.4392, 29.8390



130.1740, -17.3408, 8.6174



123.3760, 6.2236, -36.2868



130.6190, 17.9358, -12.8209

Rectangle

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



133.9760, -3.4392, 29.8390



132.4410, -15.5004, 25.0462



123.3760, 6.2236, -36.2868



124.8890, 18.2957, -34.9827

Sweetspot

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



133.9760, -3.4392, 29.8390



206.0230, -1.4903, 11.3808



135.9590, 15.7962, 20.2070



101.8160, -0.8953, 7.1774



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



133.9760, -3.4392, 29.8390



165.3310, -5.0932, 47.0677



142.3420, -12.0006, 22.5021



78.5060, -0.7425, 4.8182



47.3300, -10.0227, 88.2876



6.4360, -1.2009, 11.8956

Inverse Universe

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



133.9760, -3.4392, 29.8390



165.3310, -5.0932, 47.0677



143.6580, 12.0006, -22.5021



78.5060, -0.7425, 4.8182



47.3300, -10.0227, 88.2876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 133.9760, -3.4392, 29.8390 looks on a white 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

Black Background



This preview shows how the YUV color 133.9760, -3.4392, 29.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

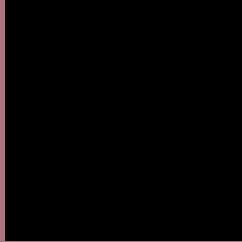
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9760, -3.4392, 29.8390

Background



This preview shows how black text looks on a background with the YUV color 133.9760, -3.4392, 29.8390.



This preview shows how white text looks on a background with the YUV color 133.9760, -3.4392,

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

133.9760, -3.4392, 29.8390

Protanopia

131.9400, 1.0156, 0.9296

Deuteranopia

132.7520, -3.8217, 12.4955



Tritanopia

133.9760, -3.4392, 29.8390

Trichromacy



Original Color

133.9760, -3.4392, 29.8390

Protanomaly

132.5500, -0.7641, 11.7957

Deuteranomaly

133.4970, -3.6960, 18.8581

Tritanomaly

133.9760, -3.4392, 29.8390

Monochromacy



Original Color

133.9760, -3.4392, 29.8390

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7240, -1.3429, 10.7661

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9760, -3.4392, 29.8390 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(168, 118, 127)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 127)  
}
```

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(168, 118, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 127) }
```

Border

The CSS property to change the border of an element to YUV 133.9760, -3.4392, 29.8390 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(168, 118, 127) }
```


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

```
.border{ border-color:rgb(168, 118, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 118, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 118, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 118, 127); box-shadow:4px 4px 4px 4px rgb(168, 118, 127) }
```

Background

The CSS property to change the background color of an element to YUV 133.9760, -3.4392, 29.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 127) }
```

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

```
.background{ background-color: rgb(168,  
118, 127) }
```

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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