

Converting Colors

YUV(133.3340, -3.1227,
21.6321)

Have a look what the booklet for
YUV(133.3340, -3.1227, 21.6321)
contains.

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Color

**YUV(133.3340, -3.1227,
21.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7A7F
RGB	158, 122, 127
RGB Percent	62%, 48%, 50%
CMY	0.3804, 0.5216, 0.5020
CMYK	0.00, 0.23, 0.20, 0.38
HSL	352°, 16%, 55%
HSV	352°, 23%, 62%
XYZ	24.8908, 22.7205, 23.1523
YIQ	133.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

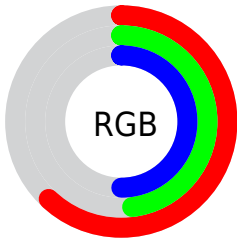
Format	Color
R_{YB}	158, 122, 127
Decimal	10386047
CIE _{Lab}	54.78, 14.79, 2.67
CIE _{LCh}	55, 15.031, 10.219
Yxy	22.7205, 0.3517, 0.3211
Android (android.graphics.Color)	4288576127 (0xFF9E7A7F)
YUV	133.3340, -3.1227, 21.6321
Hunter-Lab	47.6660, 9.7959, 4.5679

Details

The YUV color **133.3340, -3.1227, 21.6321** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.6660, 3.1227, -21.6321**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9320, -3.4175, 22.8616**, and **83.4370, -2.6804, 19.7878** is the 20% darker color. If you saturate the color by 10%, you get **122.3460, -4.6076, 31.2686**, and if you desaturate by 10%, it is **144.3220, -1.6377, 11.9956**.

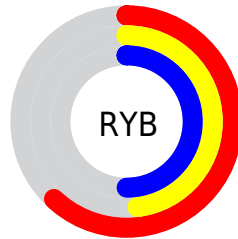
Distribution



Red (62%)

Green (48%)

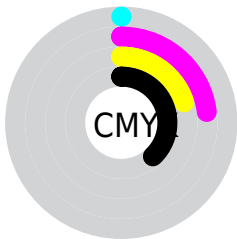
Blue (50%)



Red (62%)

Yellow (48%)

Blue (50%)

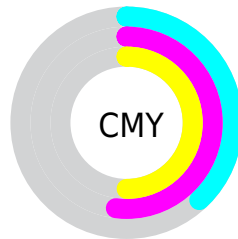


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3340, -3.1227, 21.6321 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 133.3340, -3.1227, 21.6321 by changing the saturation by 10% instead.


 133.3340, -3.1227,
21.6321

 133.3340, -3.1227,
21.6321


255.0000, 0.0000,
0.0000


 108.0350, -2.9753,
21.0173


 186.9320, -3.4175,
22.8616


 83.4370, -2.6804,
19.7878


 214.5300, -3.7123,
24.0912

 59.8390, -2.3856,
18.5582

 238.0450, -1.5012,
14.8695

 38.2410, -2.0908,
17.3286

 15.6540, -1.8014,
17.8434

 0.0000, 0.0000,
0.0000

■ 133.3340, -3.1227,
21.6321

■ 133.3340, -3.1227,
21.6321

■ 122.3460, -4.6076,
31.2686

■ 144.3220, -1.6377,
11.9956

■ 111.4720, -5.6557,
40.8051

■ 155.1960, -0.5896,
2.4591

■ 101.0710, -7.4300,
49.9267

■ 165.5970, 1.1847,
-6.6626

■ 90.1970, -8.4781,
59.4632

■ 176.4710, 2.2328,
-16.1991

■ 79.2090, -9.9630,
69.0997

■ 187.4590, 3.7177,
-25.8355

■ 68.2210, -11.4480,
78.7362

■ 198.4470, 5.2026,
-35.4720

■ 57.3470, -12.4961,
88.2727


■ 209.3210, 6.2507,
-45.0085

■ 49.7500, -13.6807,

■ 219.7220, 8.0251,

94.9352

-54.1302

 225.3130, 11.6777,
-59.0335

Harmonies

Analogous

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



133.6090, 3.1508, 16.1289



133.3340, -3.1227, 21.6321



132.8410, -8.7956, 21.1874

Triad

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



133.3340, -3.1227, 21.6321



128.3770, -8.5669, -5.5926



128.6090, 13.0108, -19.8281

Complementary

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



133.3340, -3.1227, 21.6321



146.6660, 3.1227, -21.6321

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.



126.7670, 9.9749, -26.1057



133.3340, -3.1227, 21.6321



127.2060, -2.5666, -16.8437

Square

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



133.3340, -3.1227, 21.6321



130.5310, -12.0938, 5.6733



126.2850, 4.2965, -24.8059



131.1590, 12.2466, -8.0324

Rectangle

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



133.3340, -3.1227, 21.6321



131.8360, -11.2581, 17.6838



126.2850, 4.2965, -24.8059



127.7720, 12.4374, -22.6020

Sweetspot

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



133.3340, -3.1227, 21.6321



196.7130, -1.3375, 9.0217



135.3730, 11.1551, 15.4589



98.8050, -0.8899, 5.4330



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.3340, -3.1227, 21.6321



168.6560, -4.7604, 33.6277



140.3950, -9.0687, 15.4396



73.5060, -0.7425, 4.8182



45.0370, -12.3432, 85.9136



4.7130, -1.3375, 9.0217

Inverse Universe

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



133.3340, -3.1227, 21.6321



168.6560, -4.7604, 33.6277



139.6050, 9.0687, -15.4396



73.5060, -0.7425, 4.8182



45.0370, -12.3432, 85.9136



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 133.3340, -3.1227, 21.6321 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 133.3340, -3.1227, 21.6321 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 133.3340, -3.1227, 21.6321

Background



This preview shows how black text looks on a background with the YUV color 133.3340, -3.1227, 21.6321.



This preview shows how white text looks on a background with the YUV color 133.3340, -3.1227,

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

133.3340, -3.1227, 21.6321

Protanopia

131.7120, 0.1420, 1.1296

Deuteranopia

132.5670, -3.2375, 11.7807



Tritanopia

133.2030, -1.0861, 21.7470

Trichromacy



Original Color

133.3340, -3.1227, 21.6321

Protanomaly

132.4140, -1.1901, 8.4069

Deuteranomaly

132.5890, -3.2484, 15.2694

Tritanomaly

133.0890, -1.5229, 21.8469

Monochromacy



Original Color

133.3340, -3.1227, 21.6321

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1150, -1.0427, 7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3340, -3.1227, 21.6321 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(158, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(158, 122, 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(158, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 122, 127) }
```

Border

The CSS property to change the border of an element to YUV 133.3340, -3.1227, 21.6321 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(158, 122, 127) }
```


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

```
.border{ border-color:rgb(158, 122, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 122, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(158, 122,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 133.3340, -3.1227, 21.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 122, 127) }
```

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

```
.background{ background-color: rgb(158,  
122, 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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