

Converting Colors

YUV(133.3590, 2.2880, 12.8402)

Have a look what the booklet for
YUV(133.3590, 2.2880, 12.8402)
contains.

YUV(133.3590, 2.2880, 12.8402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.3590, 2.2880,
12.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	947D8A
RGB	148, 125, 138
RGB Percent	58%, 49%, 54%
CMY	0.4196, 0.5098, 0.4588
CMYK	0.00, 0.16, 0.07, 0.42
HSL	326°, 10%, 54%
HSV	326°, 16%, 58%
XYZ	24.1338, 22.7981, 27.1732
YIQ	133.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

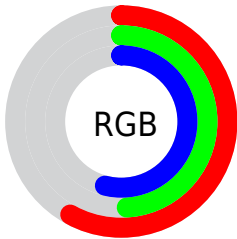
Format	Color
R_{YB}	148, 125, 138
Decimal	9731466
CIE _{Lab}	54.86, 11.17, -3.74
CIE _{LCh}	55, 11.778, 341.486
Yxy	22.7981, 0.3257, 0.3076
Android (android.graphics.Color)	4287921546 (0xFF947D8A)
YUV	133.3590, 2.2880, 12.8402
Hunter-Lab	47.7474, 6.6646, -0.3191

Details

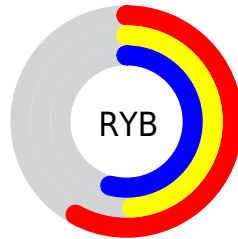
The YUV color $133.3590, 2.2880, 12.8402$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $139.6410, -2.2880, -12.8402$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.6580, 2.1406, 13.4549$, and $83.6470, 2.1460, 11.7106$ is the 20% darker color. If you saturate the color by 10%, you get $123.8700, 4.0081, 21.1620$, and if you desaturate by 10%, it is $142.8480, 0.5679, 4.5183$.

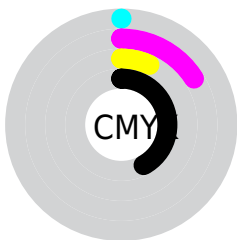
Distribution



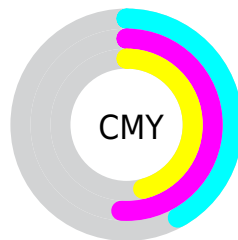
- Red (58%)
- Green (49%)
- Blue (54%)



- Red (58%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3590, 2.2880, 12.8402 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 133.3590, 2.2880, 12.8402 by changing the saturation by 10% instead.

■ 133.3590, 2.2880,
12.8402

■ 133.3590, 2.2880,
12.8402

■ 255.0000, 0.0000,
0.0000

■ 108.0600, 2.4354,
12.2254

■ 186.6580, 2.1406,
13.4549

■ 83.6470, 2.1460,
11.7106

■ 214.0710, 2.4300,
13.9697

■ 60.3480, 2.2934,
11.0958

■ 241.2880, 3.3090,
12.0254

■ 38.6360, 2.1515,
9.9662

■ 16.8750, 3.0196,
11.5106

■ 0.0000, 0.0000,
0.0000

■ 133.3590, 2.2880,
12.8402

■ 133.3590, 2.2880,
12.8402

■ 123.8700, 4.0081,
21.1620

■ 142.8480, 0.5679,
4.5183

■ 114.2670, 5.2914,
29.5838

■ 152.4510, -0.7153,
-3.9035

■ 105.3650, 6.7221,
37.3909

■ 161.3530, -2.1460,
-11.7106

■ 95.7620, 8.0053,
45.8127

■ 170.9560, -3.4293,
-20.1324

■ 86.2730, 9.7254,
54.1346

■ 180.4450, -5.1494,
-28.4543

■ 76.6700, 11.0087,
62.5564

■ 190.0480, -6.4327,
-36.8761

■ 67.1810, 12.7288,
70.8783


■ 199.5370, -8.1527,
-45.1979

■ 58.2790, 14.1595,

■ 208.4390, -9.5834,

78.6853

-53.0050

 53.8280, 14.8748,
82.5888

 216.2810, -9.9985,
-59.8824

Harmonies

Analogous

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



132.5690, 7.1145, 4.7630



133.3590, 2.2880, 12.8402



133.1270, -2.5276, 17.4286

Triad

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



133.3590, 2.2880, 12.8402



130.5030, -9.6150, 3.9439



127.9420, 7.9166, -19.2431

Complementary

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



133.3590, 2.2880, 12.8402



139.6410, -2.2880, -12.8402

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.



127.5030, 3.6960, -18.8581



133.3590, 2.2880, 12.8402



129.5450, -6.6777, -4.8630

Square

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



133.3590, 2.2880, 12.8402



131.2590, -9.4947, 12.0509



128.3420, -2.1406, -13.4549



129.5450, 10.0843, -14.5100

Rectangle

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



133.3590, 2.2880, 12.8402



132.9160, -5.8746, 17.6137



128.3420, -2.1406, -13.4549



128.0020, 6.9010, -20.1728

Sweetspot

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



133.3590, 2.2880, 12.8402



185.2610, 0.8573, 5.0331



130.6120, 8.5723, 3.8483



93.1360, 0.4260, 3.3887



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



133.3590, 2.2880, 12.8402



168.0440, 3.4293, 20.1324



132.1050, -2.5168, 13.9399



69.5490, 0.7153, 3.9035



50.1540, 13.7281, 77.0409



3.6740, 1.1467, 5.5479

Inverse Universe

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



133.3590, 2.2880, 12.8402



168.0440, 3.4293, 20.1324



140.8950, 2.5168, -13.9399



69.5490, 0.7153, 3.9035



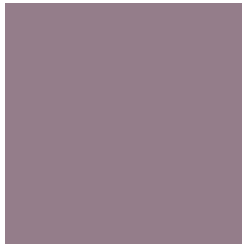
50.1540, 13.7281, 77.0409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 133.3590, 2.2880, 12.8402 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 133.3590, 2.2880, 12.8402 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 133.3590, 2.2880, 12.8402

Background



This preview shows how black text looks on a background with the YUV color 133.3590, 2.2880, 12.8402.



This preview shows how white text looks on a background with the YUV color 133.3590, 2.2880,

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

133.3590, 2.2880, 12.8402

Protanopia

132.1400, 4.3680, -0.9998

Deuteranopia

133.0270, 2.4517, 6.9923



Tritanopia

133.0170, 0.9776, 13.1401

Trichromacy



Original Color

133.3590, 2.2880, 12.8402

Protanomaly

132.6460, 3.6255, 3.8185

Deuteranomaly

133.3370, 2.2989, 9.3515

Tritanomaly

133.1310, 1.4144, 13.0401

Monochromacy



Original Color

133.3590, 2.2880, 12.8402

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3590, 2.2880, 12.8402 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(148, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(148, 125, 138)  
}
```

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(148, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 125, 138) }
```

Border

The CSS property to change the border of an element to YUV 133.3590, 2.2880, 12.8402 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(148, 125, 138) }
```


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

```
.border{ border-color:rgb(148, 125, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 125, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(148, 125,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 133.3590, 2.2880, 12.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 125, 138) }
```

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

```
.background{ background-color: rgb(148,  
125, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor