

Converting Colors

YUV(134.3960, 2.7628, 0.5297)

Have a look what the booklet for
YUV(134.3960, 2.7628, 0.5297)
contains.

YUV(134.3960, 2.7628, 0.5297)	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(134.3960, 2.7628,
0.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	87858C
RGB	135, 133, 140
RGB Percent	53%, 52%, 55%
CMY	0.4706, 0.4784, 0.4510
CMYK	0.04, 0.05, 0.00, 0.45
HSL	257°, 3%, 54%
HSV	257°, 5%, 55%
XYZ	23.1128, 23.8194, 28.1904
YIQ	134.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

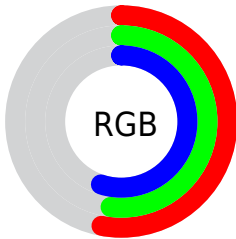
Format	Color
R_{YB}	135, 133, 140
Decimal	8881548
CIE Lab	55.91, 2.14, -3.49
CIE LCh	56, 4.100, 301.541
Yxy	23.8194, 0.3077, 0.3171
Android (android.graphics.Color)	4287071628 (0xFF87858C)
YUV	134.3960, 2.7628, 0.5297
Hunter-Lab	48.8051, -0.8761, -0.0830

Details

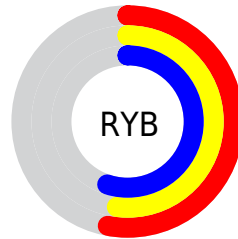
The YUV color $134.3960, 2.7628, 0.5297$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $138.6040, -2.7628, -0.5297$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.5100, 3.1996, 0.4297$, and $84.9830, 2.4734, 0.0149$ is the 20% darker color. If you saturate the color by 10%, you get $123.1880, 8.2883, 1.5891$, and if you desaturate by 10%, it is $145.6040, -2.7628, -0.5297$.

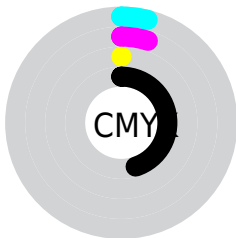
Distribution



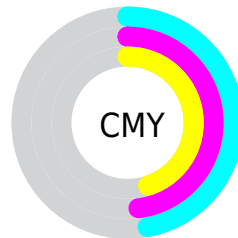
- Red (53%)
- Green (52%)
- Blue (55%)



- Red (53%)
- Yellow (52%)
- Blue (55%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3960, 2.7628, 0.5297 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 134.3960, 2.7628, 0.5297 by changing the saturation by 10% instead.

■ 134.3960, 2.7628,
0.5297

■ 134.3960, 2.7628,
0.5297

■ 255.0000, 0.0000,
0.0000

■ 109.3960, 2.7628,
0.5297

■ 187.5100, 3.1996,
0.4297

■ 84.9830, 2.4734,
0.0149

■ 215.3960, 2.7628,
0.5297

■ 61.3960, 2.7628,
0.5297

■ 243.5100, 3.1996,
0.4297

■ 39.9830, 2.4734,
0.0149

■ 19.2820, 2.3260,
0.6297

■ 0.0000, 0.0000,
0.0000

■ 134.3960, 2.7628,
0.5297

■ 134.3960, 2.7628,
0.5297

■ 123.1880, 8.2883,
1.5891

■ 145.6040, -2.7628,
-0.5297

■ 111.9800, 13.8139,
2.6485

■ 156.8120, -8.2883,
-1.5891

■ 100.7720, 19.3394,
3.7080

■ 168.0200,
-13.8139, -2.6485

■ 89.5640, 24.8649,
4.7674

■ 179.2280,
-19.3394, -3.7080

■ 78.3560, 30.3905,
5.8268

■ 190.4360,
-24.8649, -4.7674

■ 67.1480, 35.9160,
6.8862

■ 201.6440,
-30.3905, -5.8268

■ 55.9400, 41.4416,
7.9456

■ 212.8520,
-35.9160, -6.8862

■ 44.7320, 46.9671,

■ 224.0600,

9.0050

-41.4416, -7.9456

■ 33.5240, 52.4927,
10.0645

■ 232.9200,
-45.8096, -6.9458

Harmonies

Analogous

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



133.9010, 3.4998, -2.5442



134.3960, 2.7628, 0.5297



134.6630, 1.1521, 3.8035

Triad

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



134.3960, 2.7628, 0.5297



134.5230, -3.2158, 4.8033



132.7820, 0.6005, -5.9478

Complementary

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



134.3960, 2.7628, 0.5297



138.6040, -2.7628, -0.5297

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.



133.2230, -1.5889, -3.7036



134.3960, 2.7628, 0.5297



134.0990, -3.4998, 2.5442

Square

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



134.3960, 2.7628, 0.5297



134.7620, -2.3477, 6.3477



133.6040, -2.7628, -0.5297



132.9390, 2.4951, -6.9625

Rectangle

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



134.3960, 2.7628, 0.5297



135.0330, -0.0163, 5.2331



133.6040, -2.7628, -0.5297



132.9670, 0.0163, -5.2331

Sweetspot

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



134.3960, 2.7628, 0.5297



177.7550, 1.5998, 0.2149



136.7330, 1.6106, -3.2738



90.2280, 0.8736, -0.2000



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



134.3960, 2.7628, 0.5297



172.1510, 4.3626, 0.7446



135.2930, 2.3206, 2.3740



64.8690, 2.0366, 0.1149



26.5240, 52.4927, 10.0645



0.8690, 2.0366, 0.1149

Inverse Universe

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



135.6630, 1.1521, 3.8035



174.2010, 1.8729, 5.9627



137.7070, -2.3206, -2.3740



65.8370, 0.5734, 2.7740



50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 134.3960, 2.7628, 0.5297 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 134.3960, 2.7628, 0.5297 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 134.3960, 2.7628, 0.5297

Background



This preview shows how black text looks on a background with the YUV color 134.3960, 2.7628, 0.5297.



This preview shows how white text looks on a background with the YUV color 134.3960, 2.7628,

0.5297.

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

134.3960, 2.7628, 0.5297

Protanopia

134.0970, 2.9102, -0.0851

Deuteranopia

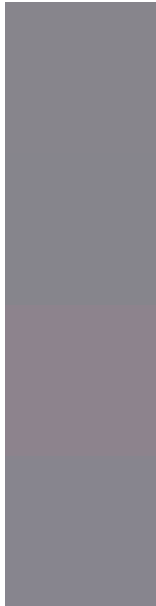
135.4400, 2.7411, 7.5071



Tritanopia

134.7380, 4.0732, 0.2298

Trichromacy



Original Color

134.3960, 2.7628, 0.5297

Protanomaly

134.0970, 2.9102, -0.0851

Deuteranomaly

135.1300, 2.8939, 5.1480

Tritanomaly

134.6240, 3.6364, 0.3298

Monochromacy



Original Color

134.3960, 2.7628, 0.5297

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3960, 2.7628, 0.5297 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(135, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(135, 133, 140)  
}
```

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(135, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 133, 140) }
```

Border

The CSS property to change the border of an element to YUV 134.3960, 2.7628, 0.5297 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(135, 133, 140) }
```


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

```
.border{ border-color:rgb(135, 133, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 133, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(135, 133,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 134.3960, 2.7628, 0.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 133, 140) }
```

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

```
.background{ background-color: rgb(135,  
133, 140) }
```

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