Converting Colors

YUV(134.3960, 2.7628, 0.5297)

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

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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

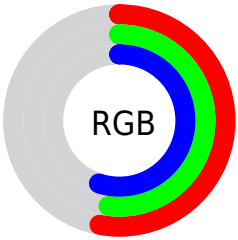
Format	Color
RYB	135, 133, 140
Decimal	8881548
CIELab	55.91, 2.14, -3.49
CIELCh	56, 4.100, 301.541
Yxy	23.8194, 0.3077, 0.3171
Android (android.graphics.Color)	4287071628 (0xFF87858C)
YUV	134.3960, 2.7628, 0.5297
Hunter-Lab	48.8051, -0.8761, -0.0830

Details

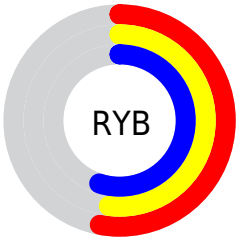
The YUV color 134.3960, 2.7628, 0.5297 is a dark color, and the websafe version is hex 999999. A complement of this color would be 138.6040, -2.7628, -0.5297, and the grayscale version is 134.0000, 0.0000, 0.0000.

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.

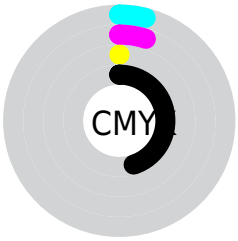
Distribution



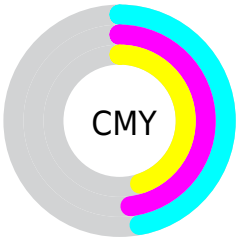
- Red (53%)
- Green (52%)
- Blue (55%)



- 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

255.0000, 0.0000, 0.0000

187.5100, 3.1996, 0.4297

215.3960, 2.7628, 0.5297

243.5100, 3.1996, 0.4297

134.3960, 2.7628, 0.5297

109.3960, 2.7628, 0.5297

84.9830, 2.4734, 0.0149

61.3960, 2.7628, 0.5297

39.9830, 2.4734, 0.0149

19.2820, 2.3260, 0.6297

0.0000, 0.0000, 0.0000

134.3960, 2.7628, 0.5297

123.1880, 8.2883, 1.5891

111.9800, 13.8139, 2.6485

100.7720, 19.3394, 3.7080

89.5640, 24.8649, 4.7674

78.3560, 30.3905, 5.8268

67.1480, 35.9160, 6.8862

55.9400, 41.4416, 7.9456

44.7320, 46.9671,

134.3960, 2.7628, 0.5297

145.6040, -2.7628, -0.5297

156.8120, -8.2883, -1.5891

168.0200, -13.8139, -2.6485

179.2280, -19.3394, -3.7080

190.4360, -24.8649, -4.7674

201.6440, -30.3905, -5.8268

212.8520, -35.9160, -6.8862

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

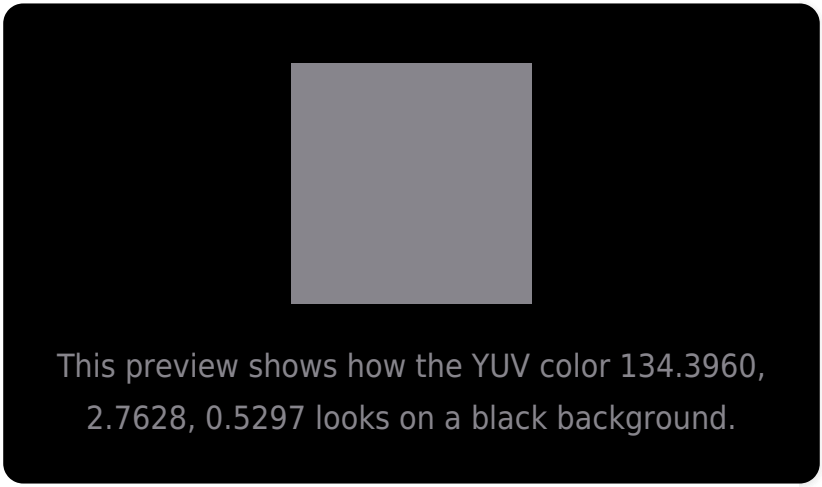
White Background

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



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.

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