

Converting Colors

YUV(134.5440, -1.7472, 0.3999)

Have a look what the booklet for
YUV(134.5440, -1.7472, 0.3999)
contains.

YUV(134.5440, -1.7472, 0.3999)	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(134.5440, -1.7472,
0.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	878783
RGB	135, 135, 131
RGB Percent	53%, 53%, 51%
CMY	0.4706, 0.4706, 0.4863
CMYK	0.00, 0.00, 0.03, 0.47
HSL	60°, 2%, 52%
HSV	60°, 3%, 53%
XYZ	22.7524, 24.1175, 24.9287
YIQ	134.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

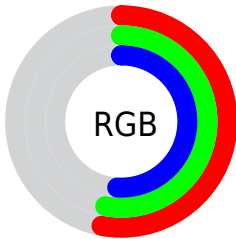
Format	Color
R_{YB}	131, 135, 131
Decimal	8882051
CIE _{Lab}	56.21, -0.77, 2.14
CIE _{LCh}	56, 2.276, 109.884
Yxy	24.1175, 0.3169, 0.3359
Android (android.graphics.Color)	4287072131 (0xFF878783)
YUV	134.5440, -1.7472, 0.3999
Hunter-Lab	49.1096, -3.2431, 4.2803

Details

The YUV color $134.5440, -1.7472, 0.3999$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $131.4560, 1.7472, -0.3999$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.5440, -1.7472, 0.3999$, and $84.6580, -1.3104, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $132.9480, -7.8624, 1.7996$, and if you desaturate by 10%, it is $136.0260, 3.9312, -0.8998$.

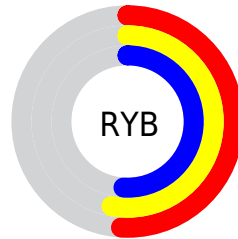
Distribution



Red (53%)

Green (53%)

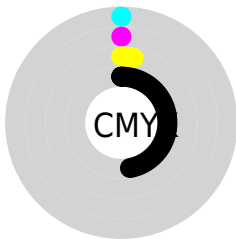
Blue (51%)



Red (51%)

Yellow (53%)

Blue (51%)

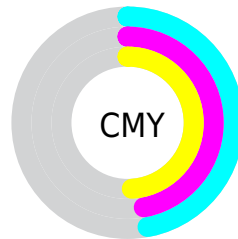


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (47%)



Cyan (47%)

Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5440, -1.7472, 0.3999 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 134.5440, -1.7472, 0.3999 by changing the saturation by 10% instead.


 134.5440, -1.7472,
0.3999

 134.5440, -1.7472,
0.3999


255.0000, 0.0000,
0.0000

 109.5440, -1.7472,
0.3999


 187.5440, -1.7472,
0.3999


 84.6580, -1.3104,
0.2999


 215.5440, -1.7472,
0.3999

 61.6580, -1.3104,
0.2999

 243.5440, -1.7472,
0.3999

 39.6580, -1.3104,
0.2999

 19.5440, -1.7472,
0.3999

 0.0000, 0.0000,
0.0000

■ 134.5440, -1.7472,
0.3999

■ 134.5440, -1.7472,
0.3999

■ 132.9480, -7.8624,
1.7996

■ 136.0260, 3.9312,
-0.8998

■ 131.4660,
-13.5407, 3.0993

■ 137.6220, 10.0464,
-2.2995

■ 129.8700,
-19.6559, 4.4990

■ 139.1040, 15.7247,
-3.5992

■ 128.3880,
-25.3343, 5.7987

■ 140.7000, 21.8399,
-4.9989

■ 126.7920,
-31.4495, 7.1984

■ 142.2960, 27.9551,
-6.3986

■ 125.3100,
-37.1278, 8.4981

■ 143.7780, 33.6334,
-7.6983

■ 123.7140,
-43.2430, 9.8978

■ 145.3740, 39.7486,
-9.0980

■ 122.2320,

■ 146.8560, 45.4270,

-48.9214, 11.1975

-10.3977

■ 120.6360,
-55.0365, 12.5972

■ 148.3380, 51.1054,
-11.6974

Harmonies

Analogous

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



134.5550, -1.7526, 2.1443



134.5440, -1.7472, 0.3999



134.6470, -1.3050, -1.4444

Triad

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



134.5440, -1.7472, 0.3999



134.7330, 1.6106, -3.2738



134.7230, 0.1366, 2.8739

Complementary

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



134.5440, -1.7472, 0.3999



131.4560, 1.7472, -0.3999

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.



135.2390, 0.8682, 1.5444



134.5440, -1.7472, 0.3999



134.5590, 2.1894, -2.2442

Square

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



134.5440, -1.7472, 0.3999



134.2060, 0.8844, -3.6887



134.4560, 1.7472, -0.3999



134.7940, -0.8844, 3.6887

Rectangle

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



134.5440, -1.7472, 0.3999



134.1630, -0.5734, -2.7740



134.4560, 1.7472, -0.3999



135.4240, 0.2840, 2.2592

Sweetspot

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



134.5440, -1.7472, 0.3999



175.7720, -0.8736, 0.2000



132.1960, -0.5896, 2.4591



88.8860, -0.4368, 0.1000



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



134.5440, -1.7472, 0.3999



175.2020, -3.0576, 0.6998



133.9460, -1.4524, -0.8296



65.6580, -1.3104, 0.2999



115.1800, -56.7837, 12.9971



2.6580, -1.3104, 0.2999

Inverse Universe

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



131.4560, 1.7472, -0.3999



169.7980, 3.0576, -0.6998



132.0540, 1.4524, 0.8296



63.3420, 1.3104, -0.2999



14.8200, 56.7837, -12.9971



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 134.5440, -1.7472, 0.3999 looks on a white background.

Color Contrast Check

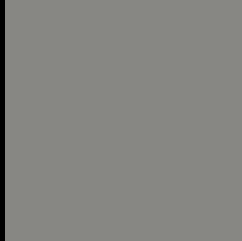
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.5440, -1.7472, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

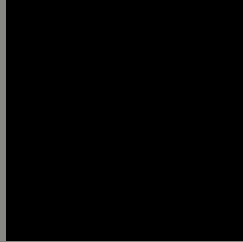
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.5440, -1.7472, 0.3999

Background



This preview shows how black text looks on a background with the YUV color 134.5440, -1.7472, 0.3999.



This preview shows how white text looks on a background with the YUV color 134.5440, -1.7472,

0.3999.

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

134.5440, -1.7472, 0.3999

Protanopia

134.7400, -2.3368, 2.8590

Deuteranopia

135.9090, -1.9271, 11.4808



Tritanopia

135.4500, 4.2152, 1.3594

Trichromacy



Original Color

134.5440, -1.7472, 0.3999

Protanomaly

134.4410, -2.1894, 2.2442

Deuteranomaly

135.5880, -1.7689, 7.3773

Tritanomaly

135.1680, 1.8892, 0.7297

Monochromacy



Original Color

134.5440, -1.7472, 0.3999

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5440, -1.7472, 0.3999 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, 135, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 131)  
}
```

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, 135, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 131) }
```

Border

The CSS property to change the border of an element to YUV 134.5440, -1.7472, 0.3999 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, 135, 131) }
```


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

```
.border{ border-color:rgb(135, 135, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 135, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 135, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 135,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 134.5440, -1.7472, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 131) }
```

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

```
.background{ background-color: rgb(135,  
135, 131) }
```

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