

Converting Colors

YUV(129.9790, -1.4686, 4.4034)

Have a look what the booklet for
YUV(129.9790, -1.4686, 4.4034)
contains.

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Color

**YUV(129.9790, -1.4686,
4.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	87807F
RGB	135, 128, 127
RGB Percent	53%, 50%, 50%
CMY	0.4706, 0.4980, 0.5020
CMYK	0.00, 0.05, 0.06, 0.47
HSL	7°, 3%, 51%
HSV	7°, 6%, 53%
XYZ	21.5416, 22.1215, 23.2132
YIQ	129.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

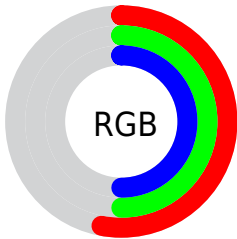
Format	Color
R_{YB}	135, 128, 127
Decimal	8880255
CIE Lab	54.16, 2.45, 1.48
CIE LCh	54, 2.865, 31.110
Yxy	22.1215, 0.3221, 0.3308
Android (android.graphics.Color)	4287070335 (0xFF87807F)
YUV	129.9790, -1.4686, 4.4034
Hunter-Lab	47.0335, -0.5548, 3.6612

Details

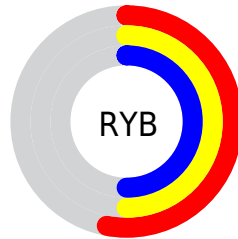
The YUV color **129.9790, -1.4686, 4.4034** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **132.0210, 1.4686, -4.4034**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9790, -1.4686, 4.4034**, and **80.6800, -1.3212, 3.7886** is the 20% darker color. If you saturate the color by 10%, you get **121.4530, -3.6743, 11.8807**, and if you desaturate by 10%, it is **138.6190, 1.1738, -3.1739**.

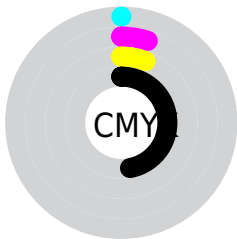
Distribution



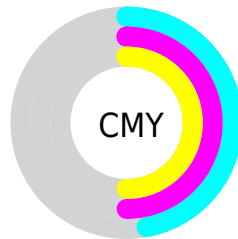
- Red (53%)
- Green (50%)
- Blue (50%)



- Red (53%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9790, -1.4686, 4.4034 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 129.9790, -1.4686, 4.4034 by changing the saturation by 10% instead.

■ 129.9790, -1.4686,
4.4034

■ 129.9790, -1.4686,
4.4034

255.0000, 0.0000,
0.0000

■ 104.9790, -1.4686,
4.4034

■ 182.9790, -1.4686,
4.4034

■ 80.6800, -1.3212,
3.7886

■ 210.2780, -1.6161,
5.0182

■ 57.6800, -1.3212,
3.7886

■ 238.8650, -1.9054,
4.5034

■ 36.3810, -1.1738,
3.1739

■ 14.9790, -1.4686,
4.4034

■ 0.0000, 0.0000,
0.0000

■ 129.9790, -1.4686,
4.4034

■ 129.9790, -1.4686,
4.4034

■ 121.4530, -3.6743,
11.8807

■ 138.6190, 1.1738,
-3.1739

■ 112.8130, -6.3168,
19.4580

■ 147.1450, 3.3795,
-10.6512

■ 104.8740, -8.8119,
26.4205

■ 155.1980, 6.3114,
-17.7136

■ 96.2340, -11.4544,
33.9978

■ 163.7240, 8.5171,
-25.1909

■ 87.7080, -13.6600,
41.4751

■ 172.3640, 11.1595,
-32.7682

■ 79.0680, -16.3025,
49.0524

■ 180.8900, 13.3652,
-40.2455

■ 70.5420, -18.5082,
56.5297


■ 189.5300, 16.0077,
-47.8228

■ 61.9020, -21.1507,

■ 198.0560, 18.2134,

64.1069

-55.3001

 53.9630, -23.6458,
71.0694

 206.1090, 21.1453,
-62.3626

Harmonies

Analogous

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



130.2070, -0.5951, 4.2035



129.9790, -1.4686, 4.4034



130.0390, -2.4842, 3.4738

Triad

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



129.9790, -1.4686, 4.4034



129.0490, -1.0102, -2.6740



129.5590, 2.1894, -2.2442

Complementary

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



129.9790, -1.4686, 4.4034



132.0210, 1.4686, -4.4034

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.



128.9610, 2.4842, -3.4738



129.9790, -1.4686, 4.4034



128.6790, 0.1583, -4.1035

Square

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



129.9790, -1.4686, 4.4034



129.1310, -2.0366, -0.1149



129.0210, 1.4686, -4.4034



129.8690, 2.0366, 0.1149

Rectangle

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



129.9790, -1.4686, 4.4034



129.4410, -2.1894, 2.2442



129.0210, 1.4686, -4.4034



129.2600, 2.3368, -2.8590

Sweetspot

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



129.9790, -1.4686, 4.4034



173.7830, -0.8790, 1.9443



130.1900, 1.8783, 4.2184



88.1850, -0.5842, 0.7148



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.



129.9790, -1.4686, 4.4034



168.1750, -2.0583, 6.8625



132.3270, -2.6262, 2.3442



63.0820, -1.0264, 2.5591



48.2620, -23.7932, 71.6842



0.8970, -0.4422, 1.8443

Inverse Universe

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



132.0210, 1.4686, -4.4034



171.2380, 2.3477, -6.3477



129.6730, 2.6262, -2.3442



64.5050, 0.7370, -3.0739



81.7380, 23.7932, -71.6842



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 129.9790, -1.4686, 4.4034 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 129.9790, -1.4686, 4.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

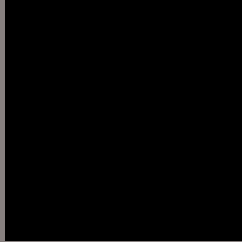
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.9790, -1.4686, 4.4034

Background



This preview shows how black text looks on a background with the YUV color 129.9790, -1.4686, 4.4034.

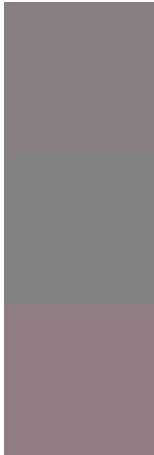


This preview shows how white text looks on a background with the YUV color 129.9790, -1.4686,

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

129.9790, -1.4686, 4.4034

Protanopia

129.6690, -1.3158, 2.0443

Deuteranopia

130.7240, -1.3429, 10.7661



Tritanopia

130.7170, 2.6045, 4.6332

Trichromacy



Original Color

129.9790, -1.4686, 4.4034

Protanomaly

129.9680, -1.4632, 2.6591

Deuteranomaly

130.4140, -1.1901, 8.4069

Tritanomaly

130.3750, 1.2941, 4.9331

Monochromacy



Original Color

129.9790, -1.4686, 4.4034

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9790, -1.4686, 4.4034 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, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(135, 128, 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(135, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 128, 127) }
```

Border

The CSS property to change the border of an element to YUV 129.9790, -1.4686, 4.4034 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, 128, 127) }
```


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

```
.border{ border-color:rgb(135, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(135, 128,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 129.9790, -1.4686, 4.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 128, 127) }
```

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

```
.background{ background-color: rgb(135,  
128, 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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