

Converting Colors

YUV(123.8020, -13.2134,
-8.5964)

Have a look what the booklet for
YUV(123.8020, -13.2134, -8.5964)
contains.

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Color

**YUV(123.8020, -13.2134,
-8.5964)**

Conversions

Conversions Part 1

Format	Color
Hex	728661
RGB	114, 134, 97
RGB Percent	45%, 53%, 38%
CMY	0.5529, 0.4745, 0.6196
CMYK	0.15, 0.00, 0.28, 0.47
HSL	92°, 16%, 45%
HSV	92°, 28%, 53%
XYZ	17.6222, 21.4907, 14.5286
YIQ	123.8020, -0.0430, -15.7470

Conversions

Conversions Part 2

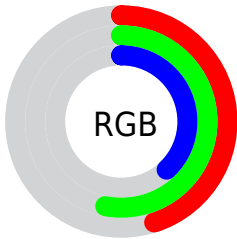
Format	Color
R_{YB}	97, 134, 117
Decimal	7505505
CIE _{Lab}	53.48, -14.38, 17.60
CIE _{LCh}	53, 22.728, 129.263
Yxy	21.4907, 0.3285, 0.4006
Android (android.graphics.Color)	4285695585 (0xFF728661)
YUV	123.8020, -13.2134, -8.5964
Hunter-Lab	46.3580, -13.2729, 13.8692

Details

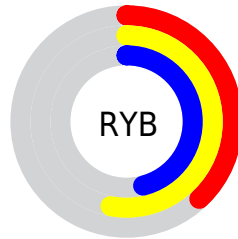
The YUV color **123.8020, -13.2134, -8.5964** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **107.1980, 13.2134, 8.5964**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2750, -13.9396, -9.0112**, and **74.4430, -12.0504, -8.2815** is the 20% darker color. If you saturate the color by 10%, you get **120.2270, -17.8599, -11.6001**, and if you desaturate by 10%, it is **127.3770, -8.5669, -5.5926**.

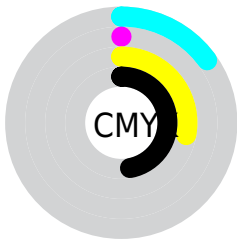
Distribution



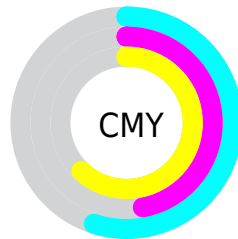
- Red (45%)
- Green (53%)
- Blue (38%)



- Red (38%)
- Yellow (53%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8020, -13.2134, -8.5964 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 123.8020, -13.2134, -8.5964 by changing the saturation by 10% instead.

■ 123.8020,
-13.2134, -8.5964

■ 123.8020,
-13.2134, -8.5964

■ 255.0000, 0.0000,
0.0000

■ 98.9160, -12.7766,
-8.6963

■ 176.2750,
-13.9396, -9.0112

■ 74.4430, -12.0504,
-8.2815

■ 204.1610,
-14.3764, -8.9112

■ 51.9700, -11.3242,
-7.8667

■ 232.0470,
-14.8132, -8.8112

■ 30.0410, -12.3452,
-7.0520

■ 250.6550,
-10.1829, -0.5744

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 123.8020,
-13.2134, -8.5964

■ 123.8020,
-13.2134, -8.5964

■ 120.2270,
-17.8599, -11.6001

■ 127.3770, -8.5669,
-5.5926

■ 116.5380,
-22.9432, -14.5038

■ 131.0660, -3.4835,
-2.6889

■ 112.6640,
-27.4424, -18.1223

■ 134.9400, 1.0156,
0.9296

■ 108.9750,
-32.5257, -21.0261

■ 138.6290, 6.0989,
3.8334

■ 105.4000,
-37.1722, -24.0298

■ 142.2040, 10.7454,
6.8371

■ 101.8250,
-41.8187, -27.0335

■ 145.7790, 15.3920,
9.8408

■ 97.8370, -46.7546,
-30.5520

■ 149.7670, 20.3279,
13.3593

■ 97.1960, -47.9176,

■ 153.3420, 24.9744,

-30.8669

16.3631

■ 157.0310, 30.0577,
19.2668

Harmonies

Analogous

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



125.9460, -18.2144, 8.8174



123.8020, -13.2134, -8.5964



121.0970, -3.9918, -26.3951

Triad

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



123.8020, -13.2134, -8.5964



122.4700, 20.4743, -33.7382



130.1720, -4.0288, 32.2982

Complementary

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



123.8020, -13.2134, -8.5964



107.1980, 13.2134, 8.5964

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.



130.9350, 5.4550, 23.7360



123.8020, -13.2134, -8.5964



127.5480, 18.9568, -13.6356

Square

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



123.8020, -13.2134, -8.5964



118.0790, 16.7231, -43.9193



130.3010, 13.6556, 6.7520



129.2830, -12.4645, 31.3238

Rectangle

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



123.8020, -13.2134, -8.5964



119.3930, 3.7503, -36.3017



130.3010, 13.6556, 6.7520



130.3720, -0.6764, 30.3688

Sweetspot

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



123.8020, -13.2134, -8.5964



169.4250, -4.6465, -3.0037



119.8030, -11.2419, 12.4508



84.4790, -3.1941, -2.1741



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



123.8020, -13.2134, -8.5964



157.2330, -20.3279, -13.3593



118.8330, -10.2707, -19.1475



64.4190, -2.1786, -1.2445



94.2500, -46.4652, -30.0373



2.0600, -1.0156, -0.9296

Inverse Universe

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



107.1980, 13.2134, 8.5964



131.7670, 20.3279, 13.3593



112.1670, 10.2707, 19.1475



61.5810, 2.1786, 1.2445



35.7500, 46.4652, 30.0373



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 123.8020, -13.2134, -8.5964 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 123.8020, -13.2134, -8.5964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

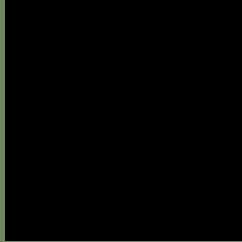
Any Text WCAG AA ✓ Pass

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 123.8020, -13.2134, -8.5964 Background



This preview shows how black text looks on a background with the YUV color 123.8020, -13.2134, -8.5964.



This preview shows how white text looks on a background with the YUV color 123.8020, -13.2134, -8.5964.

-8.5964.

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

123.8020, -13.2134, -8.5964

Protanopia

126.2280, -15.8884, 9.4470

Deuteranopia

127.4510, -14.0263, 18.8985



Tritanopia

127.4490, 5.6946, -6.5328

Trichromacy



Original Color

123.8020, -13.2134, -8.5964

Protanomaly

125.7110, -15.1405, 2.8845

Deuteranomaly

125.7980, -13.7044, 8.9472

Tritanomaly

126.3150, -1.1413, -7.2923

Monochromacy



Original Color

123.8020, -13.2134, -8.5964

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0120, -4.9359, -3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8020, -13.2134, -8.5964 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(114, 134, 97)` looks like.

```
.text, #text, p{  
    color:rgb(114, 134, 97)  
}
```

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(114, 134, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 134, 97) }
```

Border

The CSS property to change the border of an element to YUV 123.8020, -13.2134, -8.5964 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(114, 134, 97) }
```


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

```
.border{ border-color:rgb(114, 134, 97) }
```

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

Here you see how a box with a 4 pixel rgb(114, 134, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 134, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 134, 97);  
box-shadow:4px 4px 4px 4px rgb(114, 134,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 123.8020, -13.2134, -8.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 134, 97) }
```

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

```
.background{ background-color: rgb(114,  
134, 97) }
```

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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