

Converting Colors

YUV(121.2300, -12.4384,
-23.8807)

Have a look what the booklet for
YUV(121.2300, -12.4384, -23.8807)
contains.

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Color

**YUV(121.2300, -12.4384,
-23.8807)**

Conversions

Conversions Part 1	
Format	Color
Hex	5E8C60
RGB	94, 140, 96
RGB Percent	37%, 55%, 38%
CMY	0.6314, 0.4510, 0.6235
CMYK	0.33, 0.00, 0.31, 0.45
HSL	123°, 20%, 46%
HSV	123°, 33%, 55%
XYZ	16.1055, 21.9804, 14.4601
YIQ	121.2300, -13.2920, -23.4360

Conversions

Conversions Part 2

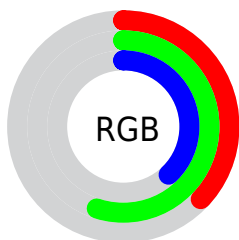
Format	Color
RYB	94, 138, 140
Decimal	6196320
CIELab	54.01, -25.07, 18.66
CIELCh	54, 31.251, 143.336
Yxy	21.9804, 0.3065, 0.4183
Android (android.graphics.Color)	4284386400 (0xFF5E8C60)
YUV	121.2300, -12.4384, -23.8807
Hunter-Lab	46.8832, -20.7267, 14.5315

Details

The YUV color **121.2300, -12.4384, -23.8807** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **112.7700, 12.4384, 23.8807**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2900, -13.4540, -24.8103**, and **71.8710, -11.2754, -23.5659** is the 20% darker color. If you saturate the color by 10%, you get **115.5620, -16.0531, -31.1879**, and if you desaturate by 10%, it is **126.8980, -8.8237, -16.5735**.

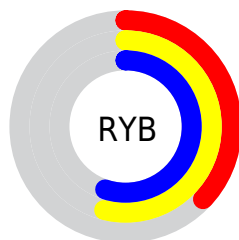
Distribution



Red (37%)

Green (55%)

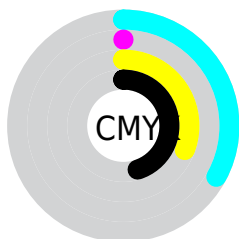
Blue (38%)



Red (37%)

Yellow (54%)

Blue (55%)

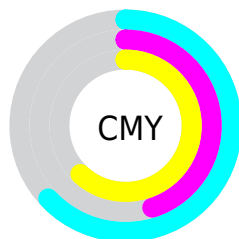


Cyan (33%)

Magenta (0%)

Yellow (31%)

Black (45%)



Cyan (63%)


Magenta (45%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.2300, -12.4384, -23.8807 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 121.2300, -12.4384, -23.8807 by changing the saturation by 10% instead.


 121.2300,
-12.4384, -23.8807


 121.2300,
-12.4384, -23.8807


255.0000, 0.0000,
0.0000


 95.7570, -11.7122,
-23.4659


 174.2900,
-13.4540, -24.8103


 71.8710, -11.2754,
-23.5659


 201.8770,
-13.7434, -25.3251


 47.9140, -9.8176,
-24.4806

 230.3500,
-14.4695, -25.7399

 25.5830, -11.1334,
-22.4363

 244.2620, -7.5242,
-13.3848

 13.5010, -6.6560,
-11.8404

 0.0000, 0.0000,
0.0000

■ 121.2300,
-12.4384, -23.8807

■ 121.2300,
-12.4384, -23.8807

■ 115.5620,
-16.0531, -31.1879

■ 126.8980, -8.8237,
-16.5735

■ 109.7800,
-20.1045, -38.3951

■ 132.6800, -4.7722,
-9.3664

■ 104.1120,
-23.7192, -45.7022

■ 138.3480, -1.1576,
-2.0592

■ 98.3300, -27.7707,
-52.9094

■ 144.1300, 2.8939,
5.1480

■ 92.6620, -31.3854,
-60.2166

■ 149.7980, 6.5086,
12.4552

■ 86.9940, -35.0000,
-67.5237


■ 155.4660, 10.1233,
19.7623

■ 82.8640, -37.8940,
-72.6717

■ 161.2480, 14.1747,
26.9695

■ 166.9160, 17.7894,

34.2767

 172.6980, 21.8409,
41.4839

Harmonies

Analogous

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



125.0390, -22.6972, -0.0342



121.2300, -12.4384, -23.8807



115.1910, 3.3568, -50.1565

Triad

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



121.2300, -12.4384, -23.8807



123.0270, 29.0737, -38.6117



130.8270, -10.7607, 44.8787

Complementary

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



121.2300, -12.4384, -23.8807



112.7700, 12.4384, 23.8807

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.



132.4100, 1.7699, 39.1054



121.2300, -12.4384, -23.8807



129.8570, 23.7345, -6.0136

Square

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



121.2300, -12.4384, -23.8807



109.8610, 30.6345, -72.6691



132.9160, 14.3384, 21.1217



129.4380, -20.9219, 37.3269

Rectangle

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



121.2300, -12.4384, -23.8807



109.2730, 15.6414, -70.3994



132.9160, 14.3384, 21.1217



131.2660, -6.5401, 44.4937

Sweetspot

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



121.2300, -12.4384, -23.8807



173.6800, -4.7722, -9.3664



134.1580, -19.7979, 3.3694



87.4570, -3.1833, -5.6628



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.



121.2300, -12.4384, -23.8807



152.1330, -18.7996, -36.9506



123.8520, -2.3920, -26.1802



66.1090, -2.0257, -3.6036



78.7550, -35.8682, -69.0681



2.9350, -1.4470, -2.5740

Inverse Universe

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



112.7700, 12.4384, 23.8807



138.9810, 19.2364, 36.8507



110.1480, 2.3920, 26.1802



64.8910, 2.0257, 3.6036



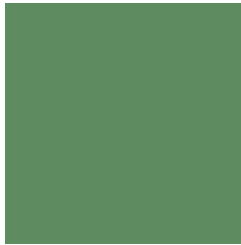
54.2450, 35.8682, 69.0681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 121.2300, -12.4384, -23.8807 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 121.2300, -12.4384, -23.8807 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 121.2300, -12.4384, -23.8807 Background



This preview shows how black text looks on a background with the YUV color 121.2300, -12.4384, -23.8807.



This preview shows how white text looks on a background with the YUV color 121.2300, -12.4384, -23.8807.

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

121.2300, -12.4384, -23.8807

Protanopia

127.0710, -17.7830, 10.4617

Deuteranopia

128.7500, -14.1738, 19.5132



Tritanopia

125.9850, 9.3744, -20.1578

Trichromacy



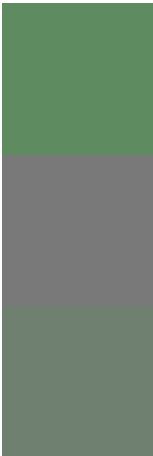
Original Color
121.2300, -12.4384, -23.8807

Protanomaly
124.8630, -15.7085, -1.6339

Deuteranomaly
125.8790, -13.2513, 3.6141

Tritanomaly
124.2100, 1.3755, -21.2322

Monochromacy



Original Color
121.2300, -12.4384, -23.8807

Achromatopsia
121.0000, 0.0000, 0.0000

Achromatomaly
121.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2300, -12.4384, -23.8807 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(94, 140, 96)` looks like.

```
.text, #text, p{  
    color:rgb(94, 140, 96)  
}
```

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(94, 140, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 140, 96) }
```

Border

The CSS property to change the border of an element to YUV 121.2300, -12.4384, -23.8807 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(94, 140, 96) }
```


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

```
.border{ border-color:rgb(94, 140, 96) }
```

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

Here you see how a box with a 4 pixel rgb(94, 140, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 140, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 140, 96);  
box-shadow:4px 4px 4px 4px rgb(94, 140,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 121.2300, -12.4384, -23.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 140, 96) }
```

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

```
.background{ background-color: rgb(94, 140,  
96) }
```

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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