

Converting Colors

YUV(124.1160, -12.8752,
-23.7807)

Have a look what the booklet for
YUV(124.1160, -12.8752, -23.7807)
contains.

YUV(124.1160, -12.8752, -23.7807)	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(124.1160, -12.8752,
-23.7807)**

Conversions

Conversions Part 1	
Format	Color
Hex	618F62
RGB	97, 143, 98
RGB Percent	38%, 56%, 38%
CMY	0.6196, 0.4392, 0.6157
CMYK	0.32, 0.00, 0.31, 0.44
HSL	121°, 19%, 47%
HSV	121°, 32%, 56%
XYZ	16.9568, 23.0682, 15.1142
YIQ	124.1160, -12.9710, -23.7470

Conversions

Conversions Part 2

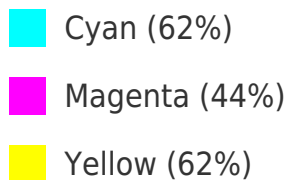
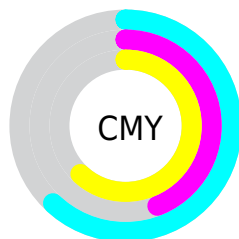
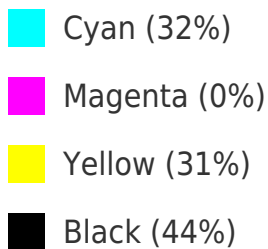
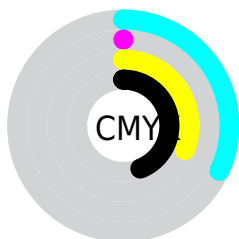
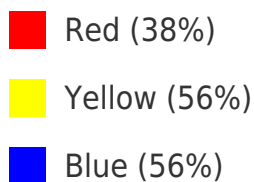
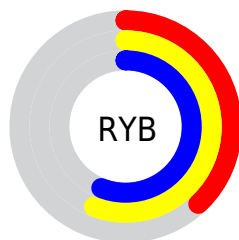
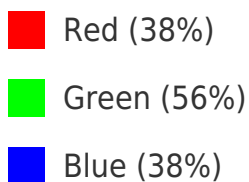
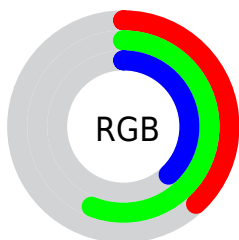
Format	Color
RYB	97, 142, 143
Decimal	6393698
CIELab	55.14, -25.17, 19.10
CIELCh	55, 31.603, 142.806
Yxy	23.0682, 0.3075, 0.4184
Android (android.graphics.Color)	4284583778 (0xFF618F62)
YUV	124.1160, -12.8752, -23.7807
Hunter-Lab	48.0293, -21.0316, 14.9628

Details

The YUV color **124.1160, -12.8752, -23.7807** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.8840, 12.8752, 23.7807**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1760, -13.8908, -24.7104**, and **74.1700, -11.4228, -22.9511** is the 20% darker color. If you saturate the color by 10%, you get **118.3340, -16.9267, -30.9879**, and if you desaturate by 10%, it is **129.8980, -8.8237, -16.5735**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 124.1160, -12.8752, -23.7807 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 124.1160, -12.8752, -23.7807 by changing the saturation by 10% instead.


 124.1160,
-12.8752, -23.7807


 124.1160,
-12.8752, -23.7807


255.0000, 0.0000,
0.0000


 98.6430, -12.1490,
-23.3659


 177.1760,
-13.8908, -24.7104

 74.1700, -11.4228,
-22.9511

 204.7630,
-14.1802, -25.2252


 50.0990, -10.4018,
-23.7658

 233.2360,
-14.9063, -25.6400

 27.6860, -10.6912,
-24.2806

 245.3870, -7.0928,
-11.7404

 15.8490, -7.8136,
-13.8996

 0.0000, 0.0000,
0.0000

■ 124.1160,
-12.8752, -23.7807

■ 124.1160,
-12.8752, -23.7807

■ 118.3340,
-16.9267, -30.9879

■ 129.8980, -8.8237,
-16.5735

■ 112.2530,
-20.8307, -38.8099

■ 135.9790, -4.9196,
-8.7516

■ 106.4710,
-24.8822, -46.0171

■ 141.7610, -0.8682,
-1.5444

■ 100.6890,
-28.9337, -53.2243

■ 147.5430, 3.1833,
5.6628

■ 94.6080, -32.8377,
-61.0462

■ 153.6240, 7.0874,
13.4848

■ 88.8260, -36.8892,
-68.2534


■ 159.4060, 11.1388,
20.6919

■ 84.2830, -40.0725,
-73.9162

■ 165.1880, 15.1903,
27.8991

■ 170.9700, 19.2418,

35.1063

 177.0510, 23.1459,
42.9283

Harmonies

Analogous

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



128.2240, -23.2814, 0.6806



124.1160, -12.8752, -23.7807



118.0770, 2.9200, -50.0565

Triad

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



124.1160, -12.8752, -23.7807



125.5430, 29.8053, -39.9412



133.8270, -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.



124.1160, -12.8752, -23.7807



115.8840, 12.8752, 23.7807

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.



134.9370, 2.4961, 39.5203



124.1160, -12.8752, -23.7807



132.9710, 24.1713, -6.1136

Square

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



124.1160, -12.8752, -23.7807



112.5620, 30.7819, -73.2839



135.9160, 14.3384, 21.1217



132.6230, -21.5061, 38.0416

Rectangle

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



124.1160, -12.8752, -23.7807



112.1590, 15.2046, -70.2994



135.9160, 14.3384, 21.1217



134.2660, -6.5401, 44.4937

Sweetspot

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



124.1160, -12.8752, -23.7807



178.5660, -5.2090, -9.2664



137.4570, -19.9453, 3.9842



89.4570, -3.1833, -5.6628



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



124.1160, -12.8752, -23.7807



156.3780, -20.3994, -37.1655



126.7380, -2.8288, -26.0802



68.1090, -2.0257, -3.6036



79.5870, -37.7574, -69.7978



4.6960, -2.3151, -4.1184

Inverse Universe

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



115.8840, 12.8752, 23.7807



143.6220, 20.3994, 37.1655



113.2620, 2.8288, 26.0802



66.8910, 2.0257, 3.6036



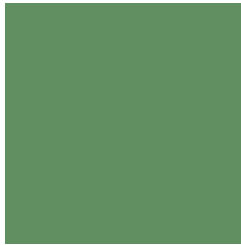
55.4130, 37.7574, 69.7978



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 124.1160, -12.8752, -23.7807 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 124.1160, -12.8752, -23.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

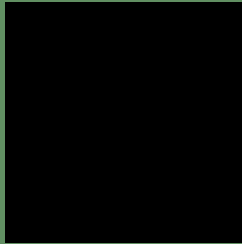
Any Text WCAG AA ✓ Pass

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 124.1160, -12.8752, -23.7807 Background



This preview shows how black text looks on a background with the YUV color 124.1160, -12.8752, -23.7807.



This preview shows how white text looks on a background with the YUV color 124.1160, -12.8752, -23.7807.

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

124.1160, -12.8752, -23.7807

Protanopia

129.9570, -18.2198, 10.5617

Deuteranopia

131.6360, -14.6105, 19.6132



Tritanopia

128.9850, 9.3744, -20.1578

Trichromacy



Original Color
124.1160, -12.8752, -23.7807

Protanomaly
127.7490, -16.1453, -1.5339

Deuteranomaly
128.7650, -13.6881, 3.7141

Tritanomaly
127.2100, 1.3755, -21.2322

Monochromacy



Original Color
124.1160, -12.8752, -23.7807

Achromatopsia
124.0000, 0.0000, 0.0000

Achromatomaly
124.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1160, -12.8752, -23.7807 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(97, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(97, 143, 98)  
}
```

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(97, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 143, 98) }
```

Border

The CSS property to change the border of an element to YUV 124.1160, -12.8752, -23.7807 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(97, 143, 98) }
```


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

```
.border{ border-color:rgb(97, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(97, 143,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 124.1160, -12.8752, -23.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 143, 98) }
```

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

```
.background{ background-color: rgb(97, 143,  
98) }
```

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