

Converting Colors

YUV(117.9840, -22.6701,
-8.7560)

Have a look what the booklet for
YUV(117.9840, -22.6701, -8.7560)
contains.

YUV(117.9840, -22.6701, -8.7560)	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(117.9840, -22.6701,
-8.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8448
RGB	108, 132, 72
RGB Percent	42%, 52%, 28%
CMY	0.5765, 0.4824, 0.7176
CMYK	0.18, 0.00, 0.45, 0.48
HSL	84°, 29%, 40%
HSV	84°, 45%, 52%
XYZ	15.6053, 20.1586, 9.1994
YIQ	117.9840, 4.9560, -23.7480

Conversions

Conversions Part 2

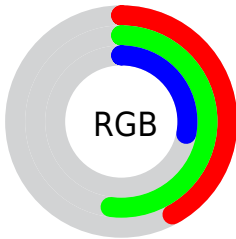
Format	Color
R_{YB}	72, 132, 96
Decimal	7111752
CIE _{Lab}	52.02, -19.38, 29.51
CIE _{LCh}	52, 35.306, 123.301
Yxy	20.1586, 0.3471, 0.4483
Android (android.graphics.Color)	4285301832 (0xFF6C8448)
YUV	117.9840, -22.6701, -8.7560
Hunter-Lab	44.8983, -16.5307, 19.2806

Details

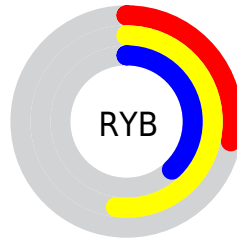
The YUV color $[117.9840, -22.6701, -8.7560]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[86.0160, 22.6701, 8.7560]$, and the grayscale version is $[118.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[170.6420, -23.9805, -8.4560]$, and $[68.7390, -21.0703, -8.5411]$ is the 20% darker color. If you saturate the color by 10%, you get $[115.0070, -27.6115, -10.5301]$, and if you desaturate by 10%, it is $[120.9610, -17.7288, -6.9818]$.

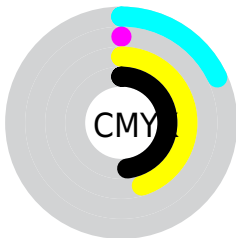
Distribution



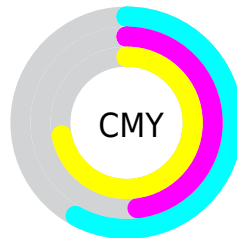
- Red (42%)
- Green (52%)
- Blue (28%)



- Red (28%)
- Yellow (52%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (45%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9840, -22.6701, -8.7560 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 117.9840, -22.6701, -8.7560 by changing the saturation by 10% instead.

■ 117.9840,
-22.6701, -8.7560

■ 117.9840,
-22.6701, -8.7560

■ 255.0000, 0.0000,
0.0000

■ 93.0980, -22.2333,
-8.8559

■ 170.6420,
-23.9805, -8.4560

■ 68.7390, -21.0703,
-8.5411

■ 198.1150,
-24.7067, -8.8709

■ 45.5110, -21.9439,
-8.3411

■ 226.0010,
-25.1435, -8.7709

■ 25.6060, -12.6238,
-11.0555

■ 245.9680,
-21.6762, -0.8489

■ 7.6310, -3.7621,
-6.6924

■ 252.2640,
-10.4832, 2.3995

■ 0.0000, 0.0000,
0.0000

■ 117.9840,
-22.6701, -8.7560

■ 117.9840,
-22.6701, -8.7560

■ 115.0070,
-27.6115, -10.5301

■ 120.9610,
-17.7288, -6.9818

■ 111.7310,
-32.4054, -12.9191

■ 124.2370,
-12.9348, -4.5928

■ 108.6400,
-37.7835, -14.5933

■ 127.3280, -7.5567,
-2.9187

■ 105.6630,
-42.7249, -16.3675

■ 130.3050, -2.6154,
-1.1445

■ 102.6860,
-47.6662, -18.1416

■ 133.2820, 2.3260,
0.6297

■ 101.1050,
-49.8448, -19.3861

■ 136.5580, 7.1199,
3.0186

■ 139.5350, 12.0612,
4.7928

■ 142.6260, 17.4394,

6.4670

■ 145.9020, 22.2333,
8.8559

Harmonies

Analogous

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



121.1290, -29.1506, 16.5499



117.9840, -22.6701, -8.7560



112.2930, -8.0324, -37.0910

Triad

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



117.9840, -22.6701, -8.7560



98.8360, 38.5349, -86.6792



125.8410, -1.8936, 47.4974

Complementary

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



117.9840, -22.6701, -8.7560



86.0160, 22.6701, 8.7560

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.



127.4120, 12.1219, 32.0877



117.9840, -22.6701, -8.7560



119.1570, 31.9676, -33.4637

Square

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



117.9840, -22.6701, -8.7560



99.3770, 27.9151, -87.1536



126.6240, 23.8494, 3.8378



124.7690, -16.1551, 48.4376

Rectangle

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



117.9840, -22.6701, -8.7560



104.6840, 5.5788, -62.8669



126.6240, 23.8494, 3.8378



126.6710, 2.6272, 44.1385

Sweetspot

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



117.9840, -22.6701, -8.7560



165.2740, -9.0091, -3.7483



104.0280, -15.7898, 24.5314



83.4960, -5.6675, -2.1890



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.



117.9840, -22.6701, -8.7560



148.9220, -35.4575, -13.9636



109.0140, -18.2479, -27.1993



64.7180, -2.3260, -0.6297



99.6320, -49.1186, -18.9713



2.3590, -1.1630, -0.3148

Inverse Universe

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



86.0160, 22.6701, 8.7560



98.7790, 35.6050, 13.3488



94.9860, 18.2479, 27.1993



61.2820, 2.3260, 0.6297



30.3680, 49.1186, 18.9713



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 117.9840, -22.6701, -8.7560 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 117.9840, -22.6701, -8.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

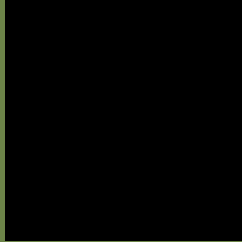
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9840, -22.6701, -8.7560

Background



This preview shows how black text looks on a background with the YUV color 117.9840, -22.6701, -8.7560.



This preview shows how white text looks on a background with the YUV color 117.9840, -22.6701, -8.7560.

-8.7560.

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

117.9840, -22.6701, -8.7560

Protanopia

121.3180, -25.7928, 12.8761

Deuteranopia

122.6660, -23.4993, 23.9719



Tritanopia

123.4490, 5.6946, -6.5328

Trichromacy



Original Color

117.9840, -22.6701, -8.7560

Protanomaly

120.2030, -24.7501, 5.0840

Deuteranomaly

121.0020, -23.1720, 12.2762

Tritanomaly

121.6910, -4.7777, -7.6220

Monochromacy



Original Color

117.9840, -22.6701, -8.7560

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8010, -8.2829, -3.3335

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9840, -22.6701, -8.7560 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(108, 132, 72)` looks like.

```
.text, #text, p{  
    color:rgb(108, 132, 72)  
}
```

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(108, 132, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 132, 72) }
```

Border

The CSS property to change the border of an element to YUV 117.9840, -22.6701, -8.7560 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(108, 132, 72) }
```


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

```
.border{ border-color:rgb(108, 132, 72) }
```

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

Here you see how a box with a 4 pixel rgb(108, 132, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 132, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 132, 72);  
box-shadow:4px 4px 4px 4px rgb(108, 132,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 117.9840, -22.6701, -8.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 132, 72) }
```

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

```
.background{ background-color: rgb(108,  
132, 72) }
```

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