

Converting Colors

YUV(125.4980, 1.2335,
-22.3617)

Have a look what the booklet for
YUV(125.4980, 1.2335, -22.3617)
contains.

YUV(125.4980, 1.2335, -22.3617)	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(125.4980, 1.2335,
-22.3617)**

Conversions

Conversions Part 1

Format	Color
Hex	648A80
RGB	100, 138, 128
RGB Percent	39%, 54%, 50%
CMY	0.6078, 0.4588, 0.4980
CMYK	0.28, 0.00, 0.07, 0.46
HSL	164°, 16%, 47%
HSV	164°, 28%, 54%
XYZ	18.2403, 22.4448, 23.7930
YIQ	125.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

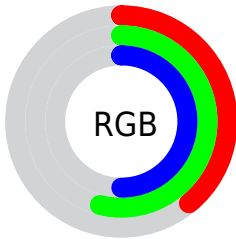
Format	Color
R_{YB}	100, 122, 138
Decimal	6589056
CIE _{Lab}	54.50, -15.46, 1.08
CIE _{LCh}	54, 15.495, 176.004
Y _{xy}	22.4448, 0.2829, 0.3481
Android (android.graphics.Color)	4284779136 (0xFF648A80)
YUV	125.4980, 1.2335, -22.3617
Hunter-Lab	47.3759, -14.1833, 3.3867

Details

The YUV color $125.4980, 1.2335, -22.3617$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $112.5020, -1.2335, 22.3617$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.7860, 1.0915, -23.4913$, and $76.2100, 1.3755, -21.2322$ is the 20% darker color. If you saturate the color by 10%, you get $120.8560, 1.5500, -30.5687$, and if you desaturate by 10%, it is $130.1400, 0.9170, -14.1548$.

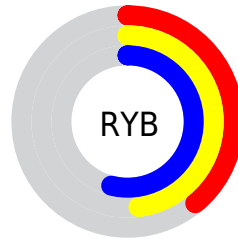
Distribution



Red (39%)

Green (54%)

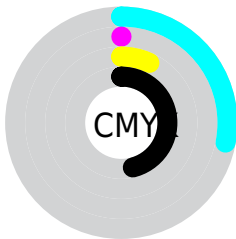
Blue (50%)



Red (39%)

Yellow (48%)

Blue (54%)

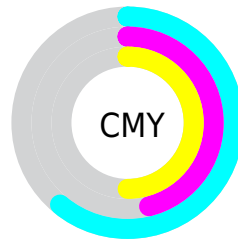


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (46%)



Cyan (61%)

Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.4980, 1.2335, -22.3617 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 125.4980, 1.2335, -22.3617 by changing the saturation by 10% instead.

■ 125.4980, 1.2335,
-22.3617

■ 125.4980, 1.2335,
-22.3617

■ 255.0000, 0.0000,
0.0000

■ 99.9110, 1.5229,
-21.8469

■ 178.7860, 1.0915,
-23.4913

■ 76.2100, 1.3755,
-21.2322

■ 205.7860, 1.0915,
-23.4913

■ 52.3240, 1.8123,
-21.3321

■ 234.4870, 1.2389,
-24.1061

■ 29.8400, 2.5439,
-22.6617

■ 249.0200, 2.9481,
-12.2955

■ 14.9830, -0.9776,
-13.1401

■ 0.0000, 0.0000,
0.0000

■ 125.4980, 1.2335,
-22.3617

■ 125.4980, 1.2335,
-22.3617

■ 120.8560, 1.5500,
-30.5687

■ 130.1400, 0.9170,
-14.1548

■ 116.3280, 2.3033,
-38.8757

■ 134.6680, 0.1637,
-5.8478

■ 111.9850, 2.4724,
-46.4678

■ 139.0110, -0.0054,
1.7444

■ 107.3430, 2.7889,
-54.6748

■ 143.6530, -0.3219,
9.9513

■ 102.8150, 3.5422,
-62.9818

■ 148.1810, -1.0752,
18.2583

■ 98.1730, 3.8587,
-71.1887

■ 152.8230, -1.3917,
26.4652

■ 93.6450, 4.6120,
-79.4957

■ 157.3510, -2.1450,
34.7722

■ 92.6340, 4.6174,

■ 161.6940, -2.3141,

-81.2400

42.3644

■ 166.3360, -2.6306,
50.5713

Harmonies

Analogous

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



126.7290, -5.7824, -12.0403



125.4980, 1.2335, -22.3617



125.3000, 8.2331, -27.4501

Triad

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



125.4980, 1.2335, -22.3617



131.5620, 11.0619, -1.3699



131.5480, -11.1162, 18.8134

Complementary

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



125.4980, 1.2335, -22.3617



112.5020, -1.2335, 22.3617

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.



132.4220, -6.6170, 22.4319



125.4980, 1.2335, -22.3617



132.3850, 6.2192, 11.9404

Square

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



125.4980, 1.2335, -22.3617



129.1690, 13.7207, -14.1802



132.8330, 0.0823, 20.3175



130.3360, -12.9836, 11.1063

Rectangle

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



125.4980, 1.2335, -22.3617



126.1090, 11.2853, -26.4056



132.8330, 0.0823, 20.3175



131.6130, -9.6692, 21.3874

Sweetspot

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



125.4980, 1.2335, -22.3617



174.0590, 0.4639, -8.8217



125.2960, -12.4709, -13.4146



86.0810, 0.4531, -5.3330



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.



125.4980, 1.2335, -22.3617



159.5350, 1.7082, -34.6722



121.3550, 8.2060, -18.7283



66.6790, 0.1583, -4.1035



89.2430, 4.3172, -78.2661



3.3910, 0.3002, -2.9739

Inverse Universe

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



112.5020, -1.2335, 22.3617



139.3510, -2.1450, 34.7722



116.6450, -8.2060, 18.7283



64.3210, -0.1583, 4.1035



43.7570, -4.3172, 78.2661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 125.4980, 1.2335, -22.3617 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 125.4980, 1.2335, -22.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

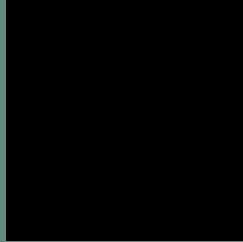
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.4980, 1.2335, -22.3617

Background



This preview shows how black text looks on a background with the YUV color 125.4980, 1.2335, -22.3617.



This preview shows how white text looks on a background with the YUV color 125.4980, 1.2335, -22.3617.

-22.3617.

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

125.4980, 1.2335, -22.3617

Protanopia

129.8110, -3.3578, 3.6738

Deuteranopia

131.3540, -0.1745, 9.3365



Tritanopia

126.9850, 9.3744, -20.1578

Trichromacy



Original Color

125.4980, 1.2335, -22.3617

Protanomaly

128.2120, -1.5835, -5.4479

Deuteranomaly

129.1030, 0.4422, -1.8443

Tritanomaly

126.4750, 6.1748, -20.5876

Monochromacy



Original Color

125.4980, 1.2335, -22.3617

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3580, 0.3165, -8.2070

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4980, 1.2335, -22.3617 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(100, 138, 128)` looks like.

```
.text, #text, p{  
    color:rgb(100, 138, 128)  
}
```

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(100, 138, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 138, 128) }
```

Border

The CSS property to change the border of an element to YUV 125.4980, 1.2335, -22.3617 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(100, 138, 128) }
```


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

```
.border{ border-color:rgb(100, 138, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 138, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(100, 138,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 125.4980, 1.2335, -22.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 138, 128) }
```

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

```
.background{ background-color: rgb(100,  
138, 128) }
```

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