

Converting Colors

YUV(123.2160, 2.3585, -9.8364)

Have a look what the booklet for
YUV(123.2160, 2.3585, -9.8364)
contains.

YUV(123.2160, 2.3585, -9.8364)	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(123.2160, 2.3585,
-9.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	708080
RGB	112, 128, 128
RGB Percent	44%, 50%, 50%
CMY	0.5608, 0.4980, 0.4980
CMYK	0.12, 0.00, 0.00, 0.50
HSL	180°, 7%, 47%
HSV	180°, 12%, 50%
XYZ	18.2975, 20.4416, 23.4033
YIQ	123.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

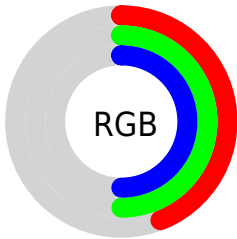
Format	Color
R_{YB}	112, 120, 128
Decimal	7372928
CIE _{Lab}	52.33, -5.83, -1.99
CIE _{LCh}	52, 6.162, 198.821
Yxy	20.4416, 0.2944, 0.3289
Android (android.graphics.Color)	4285563008 (0xFF708080)
YUV	123.2160, 2.3585, -9.8364
Hunter-Lab	45.2124, -6.8824, 0.9584

Details

The YUV color **123.2160, 2.3585, -9.8364** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.7840, -2.3585, 9.8364**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9170, 2.5059, -10.4512**, and **74.5150, 2.2111, -9.2217** is the 20% darker color. If you saturate the color by 10%, you get **119.3290, 4.2748, -17.8285**, and if you desaturate by 10%, it is **127.1030, 0.4422, -1.8443**.

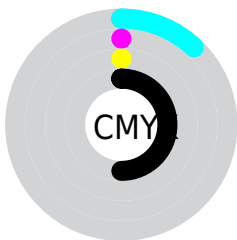
Distribution



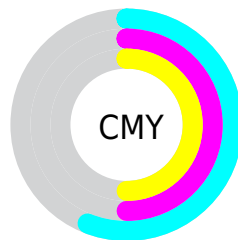
- Red (44%)
- Green (50%)
- Blue (50%)



- Red (44%)
- Yellow (47%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2160, 2.3585, -9.8364 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 123.2160, 2.3585, -9.8364 by changing the saturation by 10% instead.

■ 123.2160, 2.3585,
-9.8364

■ 123.2160, 2.3585,
-9.8364

■ 255.0000, 0.0000,
0.0000

■ 98.2160, 2.3585,
-9.8364

■ 175.9170, 2.5059,
-10.4512

■ 74.5150, 2.2111,
-9.2217

■ 202.9170, 2.5059,
-10.4512

■ 51.8140, 2.0637,
-8.6069

■ 231.6180, 2.6533,
-11.0660

■ 30.8140, 2.0637,
-8.6069

■ 252.6080, 1.1793,
-4.9182

■ 9.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 123.2160, 2.3585,
-9.8364

■ 123.2160, 2.3585,
-9.8364

■ 119.3290, 4.2748,
-17.8285

■ 127.1030, 0.4422,
-1.8443

■ 115.4420, 6.1911,
-25.8206

■ 130.9900, -1.4741,
6.1478

■ 111.8540, 7.9600,
-33.1980

■ 134.5780, -3.2430,
13.5251

■ 107.9670, 9.8763,
-41.1901

■ 138.4650, -5.1592,
21.5172

■ 104.0800, 11.7926,
-49.1822

■ 142.3520, -7.0755,
29.5093

■ 100.1930, 13.7089,
-57.1743

■ 146.2390, -8.9918,
37.5014

■ 96.3060, 15.6251,
-65.1664

■ 150.1260,
-10.9081, 45.4935

■ 92.7180, 17.3940,

■ 153.7140,

-72.5437

-12.6770, 52.8708

■ 89.7280, 18.8681,
-78.6915

■ 157.6010,
-14.5933, 60.8629

Harmonies

Analogous

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



123.2440, -0.1203, -8.1070



123.2160, 2.3585, -9.8364



123.4980, 4.6845, -9.2067

Triad

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



123.2160, 2.3585, -9.8364



126.1190, 2.8993, 3.4036



125.0670, -4.9630, 5.2032

Complementary

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



123.2160, 2.3585, -9.8364



116.7840, -2.3585, 9.8364

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.



125.3170, -4.1003, 8.4920



123.2160, 2.3585, -9.8364



125.8700, 0.5571, 8.0070

Square

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



123.2160, 2.3585, -9.8364



125.2540, 4.8048, -1.0998



125.5990, -1.7743, 9.1217



124.7460, -4.8048, 1.0998

Rectangle

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



123.2160, 2.3585, -9.8364



123.9220, 4.9685, -6.9476



125.5990, -1.7743, 9.1217



125.0780, -4.9685, 6.9476

Sweetspot

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



123.2160, 2.3585, -9.8364



163.9070, 1.0318, -4.3034



121.3920, -4.6303, -8.2368



82.8040, 0.5896, -2.4591



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



123.2160, 2.3585, -9.8364



158.5250, 3.6852, -15.3694



118.5200, 4.6736, -5.7180



61.9070, 1.0318, -4.3034



89.7280, 18.8681, -78.6915



0.0000, 0.0000, 0.0000

Inverse Universe

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



118.6080, 4.6303, 8.2368



151.3250, 7.2348, 12.8700



121.4800, -4.6736, 5.7180



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 123.2160, 2.3585, -9.8364 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 123.2160, 2.3585, -9.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

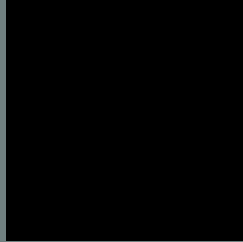
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

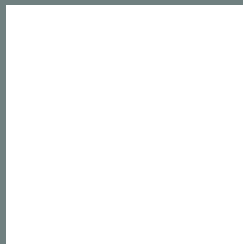
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.2160, 2.3585, -9.8364

Background



This preview shows how black text looks on a background with the YUV color 123.2160, 2.3585, -9.8364.



This preview shows how white text looks on a background with the YUV color 123.2160, 2.3585,

-9.8364.

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

123.2160, 2.3585, -9.8364

Protanopia

124.8260, 0.5788, 1.0296

Deuteranopia

125.7990, 1.5781, 7.1923



Tritanopia

124.2530, 6.2843, -8.9919

Trichromacy



Original Color

123.2160, 2.3585, -9.8364

Protanomaly

124.0320, 1.4632, -2.6591

Deuteranomaly

125.1680, 1.8892, 0.7297

Tritanomaly

123.6120, 5.1213, -9.3067

Monochromacy



Original Color

123.2160, 2.3585, -9.8364

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2060, 0.8844, -3.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2160, 2.3585, -9.8364 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(112, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 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(112, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 128) }
```

Border

The CSS property to change the border of an element to YUV 123.2160, 2.3585, -9.8364 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(112, 128, 128) }
```


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

```
.border{ border-color:rgb(112, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 128, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 128, 128); box-shadow:4px 4px 4px 4px rgb(112, 128, 128) }
```

Background

The CSS property to change the background color of an element to YUV 123.2160, 2.3585, -9.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 128) }
```

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

```
.background{ background-color: rgb(112,  
128, 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