

Converting Colors

YUV(122.9710, 3.9583, -9.6216)

Have a look what the booklet for
YUV(122.9710, 3.9583, -9.6216)
contains.

YUV(122.9710, 3.9583, -9.6216)	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(122.9710, 3.9583,
-9.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	707F83
RGB	112, 127, 131
RGB Percent	44%, 50%, 51%
CMY	0.5608, 0.5020, 0.4863
CMYK	0.15, 0.03, 0.00, 0.49
HSL	193°, 8%, 48%
HSV	193°, 15%, 51%
XYZ	18.3682, 20.2622, 24.4156
YIQ	122.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

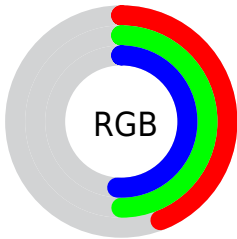
Format	Color
R_{YB}	112, 120, 131
Decimal	7372675
CIE _{Lab}	52.13, -4.60, -4.04
CIE _{LCh}	52, 6.118, 221.285
Yxy	20.2622, 0.2913, 0.3214
Android (android.graphics.Color)	4285562755 (0xFF707F83)
YUV	122.9710, 3.9583, -9.6216
Hunter-Lab	45.0135, -5.9351, -0.6498

Details

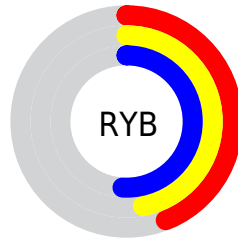
The YUV color **122.9710, 3.9583, -9.6216** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120.0290, -3.9583, 9.6216**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6720, 4.1057, -10.2363**, and **74.2700, 3.8109, -9.0068** is the 20% darker color. If you saturate the color by 10%, you get **117.3230, 6.7428, -16.0693**, and if you desaturate by 10%, it is **128.6190, 1.1738, -3.1739**.

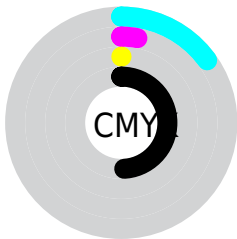
Distribution



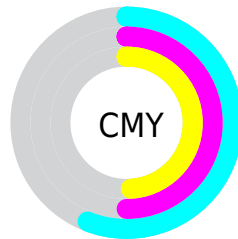
- Red (44%)
- Green (50%)
- Blue (51%)



- Red (44%)
- Yellow (47%)
- Blue (51%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9710, 3.9583, -9.6216 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 122.9710, 3.9583, -9.6216 by changing the saturation by 10% instead.

■ 122.9710, 3.9583,
-9.6216

■ 122.9710, 3.9583,
-9.6216

■ 255.0000, 0.0000,
0.0000

■ 97.9710, 3.9583,
-9.6216

■ 175.6720, 4.1057,
-10.2363

■ 74.2700, 3.8109,
-9.0068

■ 202.7860, 4.5425,
-10.3363

■ 51.5690, 3.6635,
-8.3920

■ 230.7860, 4.5425,
-10.3363

■ 30.4550, 3.2267,
-8.2920

■ 252.6080, 1.1793,
-4.9182

■ 8.8680, 3.5161,
-7.7772

■ 0.0000, 0.0000,
0.0000

■ 122.9710, 3.9583,
-9.6216

■ 122.9710, 3.9583,
-9.6216

■ 117.3230, 6.7428,
-16.0693

■ 128.6190, 1.1738,
-3.1739

■ 111.6750, 9.5272,
-22.5170

■ 134.2670, -1.6106,
3.2738

■ 106.6140, 12.0223,
-29.4795

■ 139.3280, -4.1057,
10.2363

■ 100.9660, 14.8068,
-35.9272

■ 144.9760, -6.8902,
16.6840

■ 95.3180, 17.5912,
-42.3749

■ 150.9230, -9.8220,
23.7465

■ 89.3710, 20.5231,
-49.4374

■ 156.5710,
-12.6065, 30.1942

■ 84.3100, 23.0182,
-56.3999

■ 161.6320,
-15.1016, 37.1567

■ 78.6620, 25.8026,

■ 167.2800,

-62.8476

-17.8860, 43.6044

■ 75.3950, 27.4133,
-66.1214

■ 172.9280,
-20.6705, 50.0521

Harmonies

Analogous

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



122.9880, 1.4849, -9.6365



122.9710, 3.9583, -9.6216



123.9220, 4.9685, -6.9476

Triad

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



122.9710, 3.9583, -9.6216



125.3860, 1.2887, 6.6775



124.3440, -5.0996, 2.3293

Complementary

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



122.9710, 3.9583, -9.6216



120.0290, -3.9583, 9.6216

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.



124.7790, -4.8210, 6.3328



122.9710, 3.9583, -9.6216



125.5990, -1.7743, 9.1217

Square

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



122.9710, 3.9583, -9.6216



124.9340, 3.4835, 2.6889



124.8440, -3.3741, 8.9068



123.3650, -3.6309, -2.0741

Rectangle

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



122.9710, 3.9583, -9.6216



124.3460, 5.2524, -4.6884



124.8440, -3.3741, 8.9068



124.3550, -5.1050, 4.0737

Sweetspot

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



122.9710, 3.9583, -9.6216



167.7330, 1.6106, -3.2738



123.6090, -3.7512, -10.1811



84.9180, 1.0264, -2.5591



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.



122.9710, 3.9583, -9.6216



158.8070, 6.0111, -14.7397



117.6880, 6.5628, -4.9884



63.6190, 1.1738, -3.1739



75.2810, 26.9765, -66.0214



1.5160, 0.7316, -1.3295

Inverse Universe

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



119.3910, 3.7512, 10.1811



153.2930, 5.7716, 15.5290



125.3120, -6.5628, 4.9884



62.3640, 1.2995, 3.1888



50.6120, 25.8273, 69.6233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 122.9710, 3.9583, -9.6216 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 122.9710, 3.9583, -9.6216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

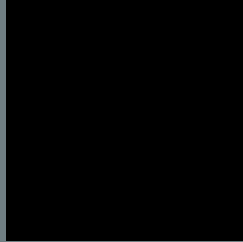
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

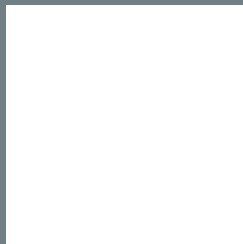
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.9710, 3.9583, -9.6216

Background



This preview shows how black text looks on a background with the YUV color 122.9710, 3.9583, -9.6216.



This preview shows how white text looks on a background with the YUV color 122.9710, 3.9583, -9.6216.

-9.6216.

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

122.9710, 3.9583, -9.6216

Protanopia

124.2820, 2.3260, 0.6297

Deuteranopia

125.5430, 3.1833, 5.6628



Tritanopia

123.2530, 6.2843, -8.9919

Trichromacy



Original Color

122.9710, 3.9583, -9.6216

Protanomaly

123.4880, 3.2104, -3.0590

Deuteranomaly

124.6240, 3.6364, 0.3298

Tritanomaly

123.0250, 5.4107, -8.7919

Monochromacy



Original Color

122.9710, 3.9583, -9.6216

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9710, 3.9583, -9.6216 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, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 127, 131)  
}
```

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, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 127, 131) }
```

Border

The CSS property to change the border of an element to YUV 122.9710, 3.9583, -9.6216 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, 127, 131) }
```


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

```
.border{ border-color:rgb(112, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 127,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 122.9710, 3.9583, -9.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 127, 131) }
```

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

```
.background{ background-color: rgb(112,  
127, 131) }
```

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