

Converting Colors

YUV(112.9310, 7.9220,
-20.9875)

Have a look what the booklet for
YUV(112.9310, 7.9220, -20.9875)
contains.

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Color

**YUV(112.9310, 7.9220,
-20.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	597A81
RGB	89, 122, 129
RGB Percent	35%, 48%, 51%
CMY	0.6510, 0.5216, 0.4941
CMYK	0.31, 0.05, 0.00, 0.49
HSL	190°, 18%, 43%
HSV	190°, 31%, 51%
XYZ	15.0418, 17.6279, 23.3786
YIQ	112.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

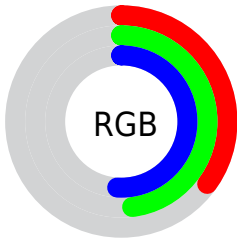
Format	Color
R_{YB}	89, 107, 129
Decimal	5864065
CIE _{Lab}	49.04, -9.90, -7.62
CIE _{LCh}	49, 12.493, 217.588
Yxy	17.6279, 0.2684, 0.3145
Android (android.graphics.Color)	4284054145 (0xFF597A81)
YUV	112.9310, 7.9220, -20.9875
Hunter-Lab	41.9856, -9.5252, -3.6242

Details

The YUV color $[112.9310, 7.9220, -20.9875]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[105.0690, -7.9220, 20.9875]$, and the grayscale version is $[113.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[164.7460, 8.5062, -21.7022]$, and $[64.2300, 7.7746, -20.3727]$ is the 20% darker color. If you saturate the color by 10%, you get $[107.8700, 10.4171, -27.9500]$, and if you desaturate by 10%, it is $[117.9920, 5.4269, -14.0250]$.

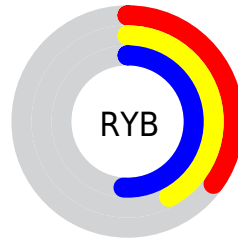
Distribution



Red (35%)

Green (48%)

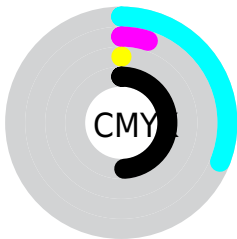
Blue (51%)



Red (35%)

Yellow (42%)

Blue (51%)

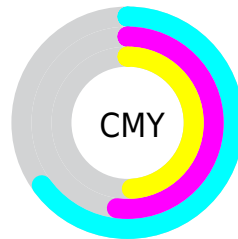


Cyan (31%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9310, 7.9220, -20.9875 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 112.9310, 7.9220, -20.9875 by changing the saturation by 10% instead.

■ 112.9310, 7.9220,
-20.9875

■ 112.9310, 7.9220,
-20.9875

■ 255.0000, 0.0000,
0.0000

■ 88.2300, 7.7746,
-20.3727

■ 164.7460, 8.5062,
-21.7022

■ 64.2300, 7.7746,
-20.3727

■ 192.3330, 8.2168,
-22.2170

■ 41.5180, 7.6326,
-21.5023

■ 220.4470, 8.6536,
-22.3170

■ 21.6000, 6.6062,
-18.9432

■ 245.4320, 4.7170,
-19.6729

■ 2.1830, 5.8258,
-1.9145

■ 254.1030, 0.4422,
-1.8443

■ 0.0000, 0.0000,
0.0000

■ 112.9310, 7.9220,
-20.9875

■ 112.9310, 7.9220,
-20.9875

■ 107.8700, 10.4171,
-27.9500

■ 117.9920, 5.4269,
-14.0250

■ 102.2220, 13.2016,
-34.3977

■ 123.6400, 2.6425,
-7.5773

■ 97.1610, 15.6966,
-41.3602

■ 128.7010, 0.1474,
-0.6148

■ 92.1000, 18.1917,
-48.3227

■ 133.7620, -2.3477,
6.3477

■ 87.0390, 20.6868,
-55.2852

■ 138.8230, -4.8427,
13.3102

■ 81.6900, 23.3238,
-61.1181


■ 144.1720, -7.4798,
19.1432

■ 76.9280, 25.6715,
-67.4659

■ 149.2330, -9.9749,
26.1057

■ 154.2940,

-12.4699, 33.0682

 159.3550,
-14.9650, 40.0307

Harmonies

Analogous

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



112.6770, 3.1172, -19.8877



112.9310, 7.9220, -20.9875



114.6480, 10.5265, -16.3543

Triad

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



112.9310, 7.9220, -20.9875



118.5870, 3.1616, 12.6402



116.1010, -9.9098, 5.1734

Complementary

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



112.9310, 7.9220, -20.9875



105.0690, -7.9220, 20.9875

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.



116.8570, -9.7895, 13.2804



112.9310, 7.9220, -20.9875



118.2410, -2.0908, 17.3286

Square

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



112.9310, 7.9220, -20.9875



117.9710, 7.4093, 3.5334



117.6880, -6.7482, 17.8136



114.7300, -7.2619, -4.1482

Rectangle

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



112.9310, 7.9220, -20.9875



115.9800, 10.3629, -10.5065



117.6880, -6.7482, 17.8136



116.1230, -9.9206, 8.6621

Sweetspot

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



112.9310, 7.9220, -20.9875



162.3410, 2.7899, -8.1921



113.2780, -8.5181, -21.2918



80.7220, 1.6161, -5.0182



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.



112.9310, 7.9220, -20.9875



143.0050, 12.3225, -32.4534



101.1910, 13.7098, -10.6915



61.3200, 1.3212, -3.7886



76.2270, 25.5241, -66.8511



0.0000, 0.0000, 0.0000

Inverse Universe

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



104.7220, 8.5181, 21.2918



130.3520, 13.1375, 33.0173



116.8090, -13.7098, 10.6915



59.7770, 1.5889, 3.7036



50.2420, 26.9957, 68.1938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.9310, 7.9220, -20.9875 looks on a white 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

Black Background



This preview shows how the YUV color 112.9310, 7.9220, -20.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

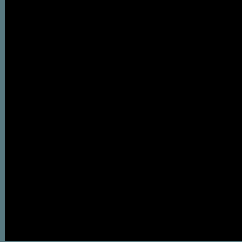
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.9310, 7.9220, -20.9875

Background



This preview shows how black text looks on a background with the YUV color 112.9310, 7.9220, -20.9875.



This preview shows how white text looks on a background with the YUV color 112.9310, 7.9220, -20.9875.

-20.9875.

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

112.9310, 7.9220, -20.9875

Protanopia

116.4390, 4.2206, -0.3850

Deuteranopia

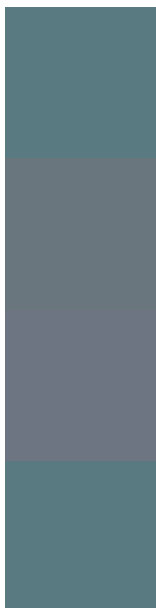
117.4440, 6.6831, 3.1186



Tritanopia

113.4580, 8.6482, -20.5727

Trichromacy



Original Color

112.9310, 7.9220, -20.9875

Protanomaly

115.3240, 5.2633, -8.1771

Deuteranomaly

115.5030, 7.1470, -5.7031

Tritanomaly

113.3440, 8.2114, -20.4727

Monochromacy



Original Color

112.9310, 7.9220, -20.9875

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7540, 3.0793, -7.6773

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9310, 7.9220, -20.9875 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(89, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(89, 122, 129)  
}
```

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(89, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 122, 129) }
```

Border

The CSS property to change the border of an element to YUV 112.9310, 7.9220, -20.9875 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(89, 122, 129) }
```


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

```
.border{ border-color:rgb(89, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(89, 122,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 112.9310, 7.9220, -20.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 122, 129) }
```

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

```
.background{ background-color: rgb(89, 122,  
129) }
```

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](#).

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