

Converting Colors

YUV(108.0610, -9.3971,
-19.3475)

Have a look what the booklet for
YUV(108.0610, -9.3971, -19.3475)
contains.

YUV(108.0610, -9.3971, -19.3475)	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(108.0610, -9.3971,
-19.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	567B59
RGB	86, 123, 89
RGB Percent	34%, 48%, 35%
CMY	0.6627, 0.5176, 0.6510
CMYK	0.30, 0.00, 0.28, 0.52
HSL	125°, 18%, 41%
HSV	125°, 30%, 48%
XYZ	12.7239, 16.8656, 12.0360
YIQ	108.0610, -11.1380, -18.4180

Conversions

Conversions Part 2

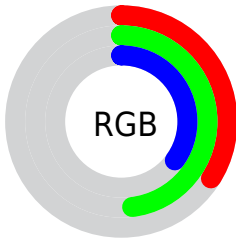
Format	Color
R_{YB}	86, 120, 123
Decimal	5667673
CIE _{Lab}	48.09, -20.47, 14.52
CIE _{LCh}	48, 25.096, 144.663
Yxy	16.8656, 0.3057, 0.4052
Android (android.graphics.Color)	4283857753 (0xFF567B59)
YUV	108.0610, -9.3971, -19.3475
Hunter-Lab	41.0678, -16.5646, 11.3710

Details

The YUV color **108.0610, -9.3971, -19.3475** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **100.9390, 9.3971, 19.3475**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1210, -10.4127, -20.2771**, and **60.0010, -8.3815, -18.4179** is the 20% darker color. If you saturate the color by 10%, you get **103.2190, -12.4330, -25.6251**, and if you desaturate by 10%, it is **112.9030, -6.3612, -13.0699**.

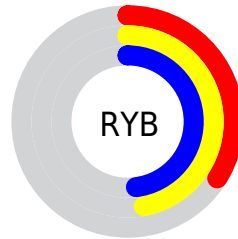
Distribution



Red (34%)

Green (48%)

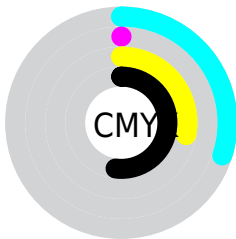
Blue (35%)



Red (34%)

Yellow (47%)

Blue (48%)

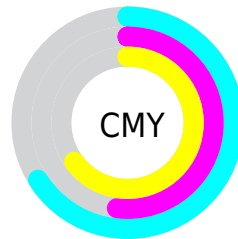


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (52%)



Cyan (66%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0610, -9.3971, -19.3475 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 108.0610, -9.3971, -19.3475 by changing the saturation by 10% instead.

■ 108.0610, -9.3971,
-19.3475

■ 108.0610, -9.3971,
-19.3475

■ 255.0000, 0.0000,
0.0000

■ 83.4740, -9.1077,
-18.8327

■ 160.1210,
-10.4127, -20.2771

■ 60.0010, -8.3815,
-18.4179

■ 186.8220,
-10.2652, -20.8919

■ 36.9300, -7.3605,
-19.2326

■ 214.7080,
-10.7020, -20.7919

■ 18.1970, -8.9711,
-15.9588

■ 240.3600, -9.5445,
-18.7327

■ 0.0000, 0.0000,
0.0000

■ 251.9240, -1.4415,
-4.3183

■ 108.0610, -9.3971,
-19.3475

■ 108.0610, -9.3971,
-19.3475

■ 103.2190,
-12.4330, -25.6251

■ 112.9030, -6.3612,
-13.0699

■ 97.9640, -15.7583,
-32.4174

■ 118.1580, -3.0359,
-6.2776

■ 93.1220, -18.7941,
-38.6950

■ 123.0000, 0.0000,
0.0000

■ 88.2800, -21.8300,
-44.9726

■ 127.8420, 3.0359,
6.2776

■ 83.3240, -25.3027,
-51.1501

■ 133.0970, 6.3612,
13.0699

■ 78.1830, -28.1912,
-58.0425

■ 137.9390, 9.3971,
19.3475

■ 73.3410, -31.2271,
-64.3201

■ 142.7810, 12.4330,
25.6251

■ 147.6230, 15.4689,

31.9026

■ 152.8780, 18.7941,
38.6950

Harmonies

Analogous

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



111.0050, -17.7505, -0.0044



108.0610, -9.3971, -19.3475



103.7410, 2.5927, -38.3609

Triad

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



108.0610, -9.3971, -19.3475



110.0840, 22.6366, -27.2607



115.9290, -8.8390, 35.1423

Complementary

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



108.0610, -9.3971, -19.3475



100.9390, 9.3971, 19.3475

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.



116.8390, 1.0654, 31.7132



108.0610, -9.3971, -19.3475



115.5000, 18.4875, -3.0695

Square

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



108.0610, -9.3971, -19.3475



103.4250, 21.9755, -48.6077



117.2700, 10.7129, 17.3032



114.4200, -16.9691, 29.4497

Rectangle

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



108.0610, -9.3971, -19.3475



101.5530, 11.0664, -49.5970



117.2700, 10.7129, 17.3032



116.0260, -5.9288, 35.0572

Sweetspot

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



108.0610, -9.3971, -19.3475



154.9190, -3.9041, -7.8220



118.1840, -15.8667, 2.4696



78.2830, -2.6045, -4.6332



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



108.0610, -9.3971, -19.3475



137.6160, -14.6007, -30.3582



110.1130, -1.5347, -21.1471



58.6360, -1.2995, -3.1888



74.5150, -31.8059, -65.3497



150.2040, -64.1906, -131.7289

Inverse Universe

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



100.9390, 9.3971, 19.3475



126.3840, 14.6007, 30.3582



98.8870, 1.5347, 21.1471



57.4780, 1.7363, 3.0888



50.4850, 31.8059, 65.3497



101.7960, 64.1906, 131.7289

Previews

White Background



This preview shows how the YUV color 108.0610, -9.3971, -19.3475 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 108.0610, -9.3971, -19.3475 looks on a black 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

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

YUV 108.0610, -9.3971, -19.3475

Background



This preview shows how black text looks on a background with the YUV color 108.0610, -9.3971, -19.3475.



This preview shows how white text looks on a background with the YUV color 108.0610, -9.3971, -19.3475.

-19.3475.

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

108.0610, -9.3971, -19.3475

Protanopia

113.0860, -13.8464, 7.8176

Deuteranopia

113.9390, -10.8159, 15.8395



Tritanopia

111.5510, 7.6164, -16.2692

Trichromacy



Original Color

108.0610, -9.3971, -19.3475

Protanomaly

111.0740, -12.3615, -1.8189

Deuteranomaly

111.6770, -10.1938, 2.9143

Tritanomaly

110.2320, 1.3646, -17.7435

Monochromacy



Original Color

108.0610, -9.3971, -19.3475

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0610, -9.3971, -19.3475 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(86, 123, 89)` looks like.

```
.text, #text, p{  
    color:rgb(86, 123, 89)  
}
```

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(86, 123, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 123, 89) }
```

Border

The CSS property to change the border of an element to YUV 108.0610, -9.3971, -19.3475 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(86, 123, 89) }
```


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

```
.border{ border-color:rgb(86, 123, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 123, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 123, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 123, 89);  
box-shadow:4px 4px 4px 4px rgb(86, 123,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 108.0610, -9.3971, -19.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 123, 89) }
```

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

```
.background{ background-color: rgb(86, 123,  
89) }
```

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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