

Converting Colors

YUV(108.7180, -19.0880,
9.0173)

Have a look what the booklet for
YUV(108.7180, -19.0880, 9.0173)
contains.

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Color

**YUV(108.7180, -19.0880,
9.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	776F46
RGB	119, 111, 70
RGB Percent	47%, 44%, 27%
CMY	0.5333, 0.5647, 0.7255
CMYK	0.00, 0.07, 0.41, 0.53
HSL	50°, 26%, 37%
HSV	50°, 41%, 47%
XYZ	14.3977, 15.7330, 8.0723
YIQ	108.7180, 17.9290, -11.0550

Conversions

Conversions Part 2

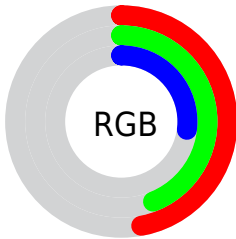
Format	Color
R _Y B	80, 119, 70
Decimal	7827270
CIE Lab	46.62, -3.39, 23.95
CIE LCh	47, 24.189, 98.052
Yxy	15.7330, 0.3769, 0.4118
Android (android.graphics.Color)	4286017350 (0xFF776F46)
YUV	108.7180, -19.0880, 9.0173
Hunter-Lab	39.6649, -4.6210, 15.6992

Details

The YUV color **108.7180, -19.0880, 9.0173** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.2820, 19.0880, -9.0173**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6750, -20.5458, 9.9320**, and **61.0490, -17.7722, 6.9730** is the 20% darker color. If you saturate the color by 10%, you get **106.1760, -23.7508, 11.2466**, and if you desaturate by 10%, it is **111.2600, -14.4252, 6.7880**.

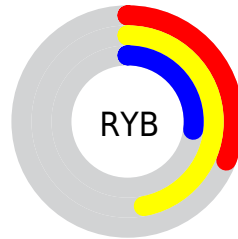
Distribution



Red (47%)

Green (44%)

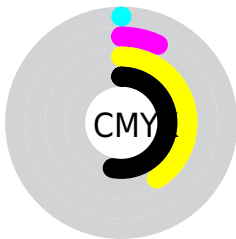
Blue (27%)



Red (31%)

Yellow (47%)

Blue (27%)

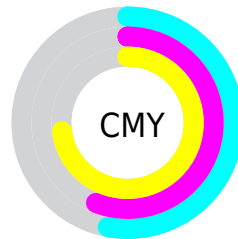


Cyan (0%)

Magenta (7%)

Yellow (41%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7180, -19.0880, 9.0173 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 108.7180, -19.0880, 9.0173 by changing the saturation by 10% instead.

■ 108.7180,
-19.0880, 9.0173

■ 108.7180,
-19.0880, 9.0173

■ 255.0000, 0.0000,
0.0000

■ 84.5330, -18.5038,
8.3026

■ 160.6750,
-20.5458, 9.9320

■ 61.0490, -17.7722,
6.9730

■ 187.8600,
-21.1300, 10.6468

■ 38.4080, -18.9351,
6.6582

■ 215.0450,
-21.7142, 11.3615

■ 19.7910, -9.7570,
2.8143

■ 243.3330,
-21.8562, 10.2320

■ 0.0000, 0.0000,
0.0000

■ 251.8080,
-12.2303, 2.7994

■ 108.7180,
-19.0880, 9.0173

■ 108.7180,
-19.0880, 9.0173

■ 106.1760,
-23.7508, 11.2466

■ 111.2600,
-14.4252, 6.7880

■ 103.6340,
-28.4136, 13.4760

■ 113.8020, -9.7624,
4.5586

■ 101.0920,
-33.0764, 15.7053

■ 116.3440, -5.0996,
2.3293

■ 98.5500, -37.7391,
17.9347

■ 118.8860, -0.4368,
0.1000

■ 96.1220, -41.9651,
20.0640

■ 121.4280, 4.2260,
-2.1294

■ 94.2810, -46.4805,
21.6786

■ 123.8560, 8.4520,
-4.2587

■ 126.3980, 13.1148,
-6.4880

■ 128.9400, 17.7776,

-8.7174

■ 130.8950, 22.7298,
-10.4319

Harmonies

Analogous

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



110.3330, -18.4052, 23.3870



108.7180, -19.0880, 9.0173



106.5740, -14.0870, -8.3964

Triad

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



108.7180, -19.0880, 9.0173



97.7900, 18.3445, -50.6818



113.4620, 6.1812, 24.1508

Complementary

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



108.7180, -19.0880, 9.0173



80.2820, 19.0880, -9.0173

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.



112.5290, 14.5292, 6.5521



108.7180, -19.0880, 9.0173



103.4910, 21.9429, -38.1416

Square

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



108.7180, -19.0880, 9.0173



99.3750, 7.7031, -44.1789



109.4660, 19.9833, -16.1947



112.6990, -3.3026, 32.7130

Rectangle

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



108.7180, -19.0880, 9.0173



104.1040, -7.9393, -20.2622



109.4660, 19.9833, -16.1947



113.5260, 9.1077, 18.8327

Sweetspot

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



108.7180, -19.0880, 9.0173



152.0730, -7.4310, 3.4440



85.5630, -3.7286, 29.3242



76.5720, -4.2260, 2.1294



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



108.7180, -19.0880, 9.0173



139.5910, -29.8714, 14.3907



108.6300, -19.0446, -4.9375



57.7290, -2.3314, 1.1147



96.3520, -47.5015, 22.4933



197.4330, -97.3345, 46.1013

Inverse Universe

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



80.2820, 19.0880, -9.0173



95.4090, 29.8714, -14.3907



80.3700, 19.0446, 4.9375



54.2710, 2.3314, -1.1147



25.6480, 47.5015, -22.4933



52.5670, 97.3345, -46.1013

Previews

White Background



This preview shows how the YUV color 108.7180, -19.0880, 9.0173 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 108.7180, -19.0880, 9.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

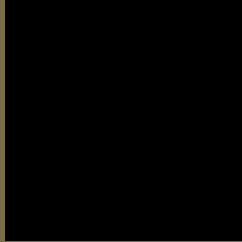
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.7180, -19.0880, 9.0173

Background



This preview shows how black text looks on a background with the YUV color 108.7180, -19.0880, 9.0173.



This preview shows how white text looks on a background with the YUV color 108.7180, -19.0880, 9.0173.

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

108.7180, -19.0880, 9.0173

Protanopia

109.0170, -19.2354, 9.6321

Deuteranopia

110.0830, -19.2679, 20.0982



Tritanopia

112.2940, 0.8411, 10.2662

Trichromacy



Original Color

108.7180, -19.0880, 9.0173

Protanomaly

109.0170, -19.2354, 9.6321

Deuteranomaly

109.7620, -19.1097, 15.9947

Tritanomaly

111.0460, -6.4317, 9.6067

Monochromacy



Original Color

108.7180, -19.0880, 9.0173

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7180, -19.0880, 9.0173 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(119, 111, 70)` looks like.

```
.text, #text, p{  
    color:rgb(119, 111, 70)  
}
```

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(119, 111, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 111, 70) }
```

Border

The CSS property to change the border of an element to YUV 108.7180, -19.0880, 9.0173 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(119, 111, 70) }
```


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

```
.border{ border-color:rgb(119, 111, 70) }
```

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

Here you see how a box with a 4 pixel rgb(119, 111, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 111, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 111, 70);  
box-shadow:4px 4px 4px 4px rgb(119, 111,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 108.7180, -19.0880, 9.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 111, 70) }
```

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

```
.background{ background-color: rgb(119,  
111, 70) }
```

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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