

Converting Colors

YUV(108.9620, -19.2083,
0.9103)

Have a look what the booklet for
YUV(108.9620, -19.2083, 0.9103)
contains.

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Color

**YUV(108.9620, -19.2083,
0.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7446
RGB	110, 116, 70
RGB Percent	43%, 45%, 27%
CMY	0.5686, 0.5451, 0.7255
CMYK	0.05, 0.00, 0.40, 0.55
HSL	68°, 25%, 36%
HSV	68°, 40%, 45%
XYZ	13.7813, 16.2480, 8.2042
YIQ	108.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

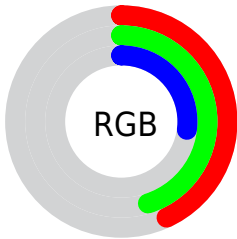
Format	Color
RYB	70, 116, 76
Decimal	7238726
CIELab	47.30, -10.16, 24.66
CIElCh	47, 26.672, 112.393
Yxy	16.2480, 0.3605, 0.4250
Android (android.graphics.Color)	4285428806 (0xFF6E7446)
YUV	108.9620, -19.2083, 0.9103
Hunter-Lab	40.3088, -9.5125, 16.1487

Details

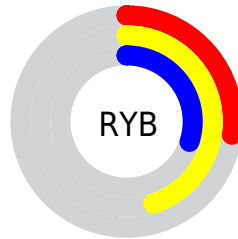
The YUV color **108.9620, -19.2083, 0.9103** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **77.0380, 19.2083, -0.9103**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6200, -20.5187, 1.2103**, and **61.0050, -17.7505, -0.0044** is the 20% darker color. If you saturate the color by 10%, you get **106.9960, -24.1550, 0.8805**, and if you desaturate by 10%, it is **110.9280, -14.2615, 0.9401**.

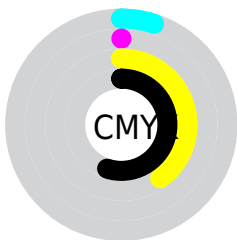
Distribution



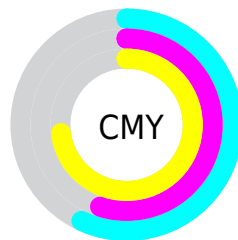
- Red (43%)
- Green (45%)
- Blue (27%)



- Red (27%)
- Yellow (45%)
- Blue (30%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (55%)



- Cyan (57%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9620, -19.2083, 0.9103 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 108.9620, -19.2083, 0.9103 by changing the saturation by 10% instead.

■ 108.9620,
-19.2083, 0.9103

■ 108.9620,
-19.2083, 0.9103

■ 255.0000, 0.0000,
0.0000

■ 84.1900, -18.3347,
0.7104

■ 160.6200,
-20.5187, 1.2103

■ 61.0050, -17.7505,
-0.0044

■ 187.8050,
-21.1029, 1.9250

■ 38.6630, -19.0609,
0.2955

■ 215.6910,
-21.5397, 2.0250

■ 19.4480, -9.5879,
-4.7779

■ 244.1640,
-22.2659, 1.6102

■ 0.0000, 0.0000,
0.0000

■ 251.8080,
-12.2303, 2.7994

■ 108.9620,
-19.2083, 0.9103

■ 108.9620,
-19.2083, 0.9103

■ 106.9960,
-24.1550, 0.8805

■ 110.9280,
-14.2615, 0.9401

■ 105.4430,
-28.8124, 1.3655

■ 112.4810, -9.6041,
0.4552

■ 103.4770,
-33.7592, 1.3357

■ 114.4470, -4.6574,
0.4850

■ 101.9240,
-38.4165, 1.8207

■ 116.0000, 0.0000,
0.0000

■ 99.9580, -43.3633,
1.7908

■ 117.9660, 4.9468,
0.0298

■ 98.2910, -48.4575,
2.3758

■ 119.6330, 10.0409,
-0.5551

■ 121.4850, 14.5509,
-0.4253

■ 123.1520, 19.6451,

-1.0103

■ 125.0040, 24.1550,
-0.8805

Harmonies

Analogous

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



111.2030, -21.2991, 18.2390



108.9620, -19.2083, 0.9103



105.7190, -10.7075, -19.0476

Triad

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



108.9620, -19.2083, 0.9103



97.9510, 24.1812, -56.0850



114.7790, 2.0810, 32.6428

Complementary

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



108.9620, -19.2083, 0.9103



77.0380, 19.2083, -0.9103

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.



115.0250, 12.3127, 17.5181



108.9620, -19.2083, 0.9103



107.1050, 24.1052, -31.6641

Square

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



108.9620, -19.2083, 0.9103



95.7520, 15.8983, -59.4185



112.9450, 20.2401, -5.2138



113.9400, -8.8444, 36.8866

Rectangle

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



108.9620, -19.2083, 0.9103



102.8080, -2.3703, -33.1576



112.9450, 20.2401, -5.2138



115.5550, 5.1494, 28.4543

Sweetspot

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



108.9620, -19.2083, 0.9103



147.3500, -7.5675, 0.5701



86.6890, -8.2277, 25.7057



75.1480, -4.5100, -0.1298



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



108.9620, -19.2083, 0.9103



139.1010, -30.1228, 1.6654



102.3840, -15.9653, -12.6148



58.0170, -2.4734, -0.0149



103.3080, -50.9308, 2.3609



211.6330, -104.3351, 4.7069

Inverse Universe

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



77.0380, 19.2083, -0.9103



89.1980, 29.9754, -1.0506



83.6160, 15.9653, 12.6148



53.9830, 2.4734, 0.0149



18.6920, 50.9308, -2.3609



38.3670, 104.3351, -4.7069

Previews

White Background



This preview shows how the YUV color 108.9620, -19.2083, 0.9103 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 108.9620, -19.2083, 0.9103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

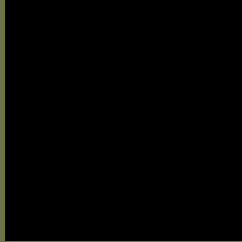
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.9620, -19.2083, 0.9103

Background



This preview shows how black text looks on a background with the YUV color 108.9620, -19.2083, 0.9103.



This preview shows how white text looks on a background with the YUV color 108.9620, -19.2083, 0.9103.

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

108.9620, -19.2083, 0.9103

Protanopia

110.0880, -20.2564, 10.4468

Deuteranopia

111.3820, -19.4153, 20.7130



Tritanopia

112.8200, 3.0467, 2.7889

Trichromacy



Original Color

108.9620, -19.2083, 0.9103

Protanomaly

109.4790, -19.9561, 7.4729

Deuteranomaly

110.3380, -19.3936, 13.7356

Tritanomaly

111.3440, -5.0996, 2.3293

Monochromacy



Original Color

108.9620, -19.2083, 0.9103

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1650, -6.9833, -0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9620, -19.2083, 0.9103 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(110, 116, 70)` looks like.

```
.text, #text, p{  
    color:rgb(110, 116, 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(110, 116, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 116, 70) }
```

Border

The CSS property to change the border of an element to YUV 108.9620, -19.2083, 0.9103 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(110, 116, 70) }
```


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

```
.border{ border-color:rgb(110, 116, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 116, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 116, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 116, 70);  
box-shadow:4px 4px 4px 4px rgb(110, 116,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 108.9620, -19.2083, 0.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 116, 70) }
```

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

```
.background{ background-color: rgb(110,  
116, 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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