

Converting Colors

YUV(109.4080, 7.6869,
-38.9458)

Have a look what the booklet for
YUV(109.4080, 7.6869, -38.9458)
contains.

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Color

**YUV(109.4080, 7.6869,
-38.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	41817D
RGB	65, 129, 125
RGB Percent	25%, 51%, 49%
CMY	0.7451, 0.4941, 0.5098
CMYK	0.50, 0.00, 0.03, 0.49
HSL	176°, 33%, 38%
HSV	176°, 50%, 51%
XYZ	13.7319, 18.3050, 22.2115
YIQ	109.4080, -36.8600, -14.8120

Conversions

Conversions Part 2

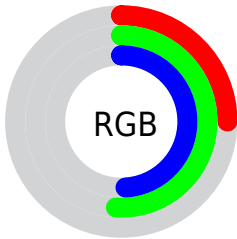
Format	Color
RYB	65, 98, 129
Decimal	4292989
CIELab	49.86, -21.53, -4.18
CIElCh	50, 21.936, 190.974
Yxy	18.3050, 0.2531, 0.3374
Android (android.graphics.Color)	4282483069 (0xFF41817D)
YUV	109.4080, 7.6869, -38.9458
Hunter-Lab	42.7843, -17.5819, -0.8314

Details

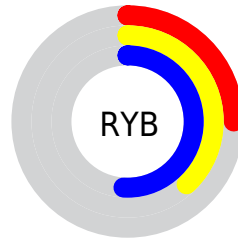
The YUV color **109.4080, 7.6869, -38.9458** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.5920, -7.6869, 38.9458**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4080, 7.6869, -38.9458**, and **55.6350, 10.0399, -47.0379** is the 20% darker color. If you saturate the color by 10%, you get **105.4070, 9.1663, -46.8379**, and if you desaturate by 10%, it is **113.4090, 6.2074, -31.0537**.

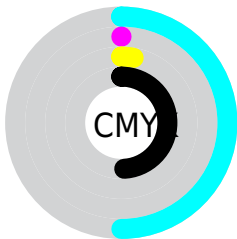
Distribution



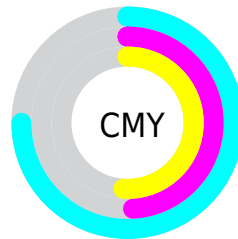
- Red (25%)
- Green (51%)
- Blue (49%)



- Red (25%)
- Yellow (38%)
- Blue (51%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (75%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4080, 7.6869, -38.9458 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 109.4080, 7.6869, -38.9458 by changing the saturation by 10% instead.

■ 109.4080, 7.6869,
-38.9458

■ 109.4080, 7.6869,
-38.9458

■ 255.0000, 0.0000,
0.0000

■ 83.8100, 7.9817,
-40.1754

■ 162.4080, 7.6869,
-38.9458

■ 55.6350, 10.0399,
-47.0379

■ 189.9950, 7.3975,
-39.4606

■ 39.0280, 7.3812,
-34.2276

■ 217.6960, 7.5449,
-40.0754

■ 24.1930, 3.8489,
-21.2173

■ 238.8540, 7.9600,
-33.1980

■ 1.1400, 4.3680,
-0.9998

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 109.4080, 7.6869,
-38.9458

■ 109.4080, 7.6869,
-38.9458

■ 105.4070, 9.1663,
-46.8379

■ 113.4090, 6.2074,
-31.0537

■ 101.4060, 10.6458,
-54.7301

■ 117.4100, 4.7279,
-23.1616

■ 97.5190, 12.5621,
-62.7222

■ 121.2970, 2.8116,
-15.1695

■ 93.5180, 14.0416,
-70.6143

■ 125.2980, 1.3321,
-7.2773

■ 89.8160, 15.3737,
-77.8916

■ 129.2990, -0.1474,
0.6148

■ 89.5170, 15.5211,
-78.5064

■ 133.0010, -1.4795,
7.8921

■ 137.0020, -2.9590,
15.7842

■ 140.8890, -4.8753,

23.7763

■ 144.8900, -6.3548,
31.6685

Harmonies

Analogous

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



112.0370, -2.9762, -25.4654



109.4080, 7.6869, -38.9458



109.5630, 15.9914, -42.5898

Triad

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



109.4080, 7.6869, -38.9458



120.7850, 12.9240, 8.0816



118.3650, -16.9419, 20.7279

Complementary

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



109.4080, 7.6869, -38.9458



84.5920, -7.6869, 38.9458

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.



119.9730, -12.3117, 28.9647



109.4080, 7.6869, -38.9458



121.4080, 4.7289, 23.3212

Square

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



109.4080, 7.6869, -38.9458



118.3310, 18.0778, -11.6913



121.0470, -4.4602, 30.6538



117.1630, -17.3354, 6.8730

Rectangle

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



109.4080, 7.6869, -38.9458



111.8180, 19.3167, -35.7974



121.0470, -4.4602, 30.6538



119.0280, -15.7898, 24.5314

Sweetspot

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



109.4080, 7.6869, -38.9458



160.4110, 3.2484, -15.2694



103.7640, -19.1107, -30.4880



79.4010, 1.7743, -9.1217



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.



109.4080, 7.6869, -38.9458



137.1170, 12.2673, -61.4926



93.4280, 17.5370, -24.9314



61.7930, 0.5951, -4.2035



88.8160, 15.3737, -77.8916



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.5920, -7.6869, 38.9458



97.9970, -11.8305, 61.3926



100.5720, -17.5370, 24.9314



59.2070, -0.5951, 4.2035



39.1840, -15.3737, 77.8916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.4080, 7.6869, -38.9458 looks on a white background.

Color Contrast Check

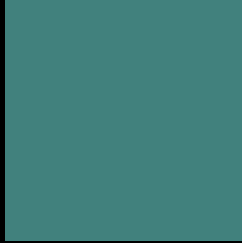
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.4080, 7.6869, -38.9458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

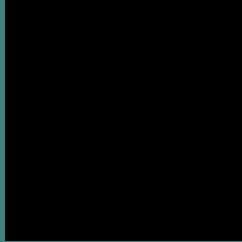
Any Text WCAG AA ✓ Pass

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 109.4080, 7.6869, -38.9458 Background



This preview shows how black text looks on a background with the YUV color 109.4080, 7.6869, -38.9458.



This preview shows how white text looks on a background with the YUV color 109.4080, 7.6869,

-38.9458.

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

109.4080, 7.6869, -38.9458

Protanopia

118.0110, -0.0054, 1.7444

Deuteranopia

119.4720, 4.2043, 4.8481



Tritanopia

110.7980, 12.9176, -36.6568

Trichromacy



Original Color

109.4080, 7.6869, -38.9458

Protanomaly

114.7210, 3.0955, -12.9103

Deuteranomaly

115.7150, 5.5635, -11.1511

Tritanomaly

110.6300, 11.0284, -37.3865

Monochromacy



Original Color

109.4080, 7.6869, -38.9458

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4080, 7.6869, -38.9458 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(65, 129, 125)` looks like.

```
.text, #text, p{  
    color:rgb(65, 129, 125)  
}
```

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(65, 129, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 129, 125) }
```

Border

The CSS property to change the border of an element to YUV 109.4080, 7.6869, -38.9458 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(65, 129, 125) }
```


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

```
.border{ border-color:rgb(65, 129, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 129, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 129, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 129, 125);  
box-shadow:4px 4px 4px 4px rgb(65, 129,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 109.4080, 7.6869, -38.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 129, 125) }
```

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

```
.background{ background-color: rgb(65, 129,  
125) }
```

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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