

Converting Colors

YUV(104.8800, -38.3948,
-5.1568)

Have a look what the booklet for
YUV(104.8800, -38.3948, -5.1568)
contains.

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Color

**YUV(104.8800, -38.3948,
-5.1568)**

Conversions

Conversions Part 1

Format	Color
Hex	637B1B
RGB	99, 123, 27
RGB Percent	39%, 48%, 11%
CMY	0.6118, 0.5176, 0.8941
CMYK	0.20, 0.00, 0.78, 0.52
HSL	75°, 64%, 29%
HSV	75°, 78%, 48%
XYZ	12.4264, 16.8977, 3.6436
YIQ	104.8800, 16.5120, -34.9440

Conversions

Conversions Part 2

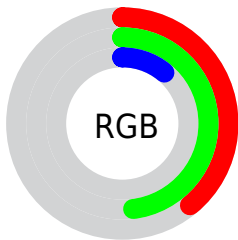
Format	Color
R_{YB}	27, 123, 51
Decimal	6519579
CIE Lab	48.13, -22.66, 46.12
CIE LCh	48, 51.386, 116.163
Yxy	16.8977, 0.3769, 0.5126
Android (android.graphics.Color)	4284709659 (0xFF637B1B)
YUV	104.8800, -38.3948, -5.1568
Hunter-Lab	41.1068, -17.9773, 23.5195

Details

The YUV color **104.8800, -38.3948, -5.1568** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **45.1200, 38.3948, 5.1568**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7660, -38.8316, -5.0568**, and **58.0890, -28.6379, -7.9711** is the 20% darker color. If you saturate the color by 10%, you get **102.6150, -43.1942, -5.8014**, and if you desaturate by 10%, it is **107.1450, -33.5955, -4.5122**.

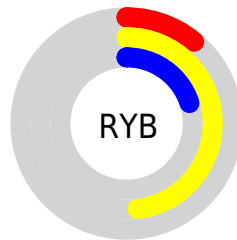
Distribution



Red (39%)

Green (48%)

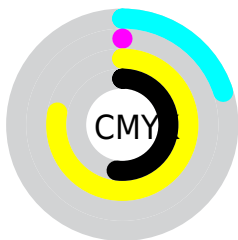
Blue (11%)



Red (11%)

Yellow (48%)

Blue (20%)

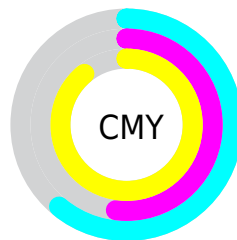


Cyan (20%)

Magenta (0%)

Yellow (78%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8800, -38.3948, -5.1568 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 104.8800, -38.3948, -5.1568 by changing the saturation by 10% instead.

104.8800,
-38.3948, -5.1568

104.8800,
-38.3948, -5.1568

255.0000, 0.0000,
0.0000

79.3530, -39.1210,
-5.5716

157.7660,
-38.8316, -5.0568

58.0890, -28.6379,
-7.9711

184.9510,
-39.4158, -4.3420

36.8140, -18.1493,
-12.1149

213.0220,
-40.4368, -3.5273

18.1970, -8.9711,
-15.9588

238.5600,
-39.7161, -1.3681

0.0000, 0.0000,
0.0000

247.0200,
-30.5759, 6.9985

250.3260,

-17.9087, 4.0991

253.5180, -5.6784,
1.2997

104.8800,
-38.3948, -5.1568

104.8800,
-38.3948, -5.1568

102.6150,
-43.1942, -5.8014

107.1450,
-33.5955, -4.5122

100.2360,
-48.4303, -6.3460

109.5240,
-28.3593, -3.9675

99.7090, -49.1565,
-6.7608

111.7890,
-23.5600, -3.3230

114.0540,
-18.7606, -2.6784

116.4330,
-13.5245, -2.1337

■ 118.6980, -8.7251,
-1.4891

■ 121.2620, -4.0732,
-0.2298

■ 123.5270, 0.7262,
0.4148

■ 125.9060, 5.9623,
0.9594

Harmonies

Analogous

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



108.4390, -46.0654, 28.5560



104.8800, -38.3948, -5.1568



94.8430, -15.6986, -51.6053

Triad

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



104.8800, -38.3948, -5.1568



98.1010, 43.3342, -86.0346



113.2700, 4.3039, 66.4152

Complementary

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



104.8800, -38.3948, -5.1568



45.1200, 38.3948, 5.1568

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.



117.2030, 22.5779, 38.4100



104.8800, -38.3948, -5.1568



93.9410, 52.7801, -82.3863

Square

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



104.8800, -38.3948, -5.1568



95.8720, 27.1781, -84.0797



114.7330, 38.5856, -9.4128



111.3140, -15.9308, 69.8846

Rectangle

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



104.8800, -38.3948, -5.1568



89.1460, 1.4070, -78.1810



114.7330, 38.5856, -9.4128



114.5340, 10.5827, 59.1677

Sweetspot

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



104.8800, -38.3948, -5.1568



153.7920, -14.6875, -2.4486



69.7920, -21.0965, 46.6634



77.5840, -9.1619, -1.3892



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.



104.8800, -38.3948, -5.1568



132.4240, -60.3550, -8.2648



90.5280, -31.3193, -34.6661



60.0170, -2.4734, -0.0149



101.4810, -50.0301, -6.5608



204.4350, -100.7865, -13.5365

Inverse Universe

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



45.1200, 38.3948, 5.1568



38.2770, 60.5024, 7.6501



59.4720, 31.3193, 34.6661



56.2820, 2.3260, 0.6297



23.5190, 50.0301, 6.5608



47.5650, 100.7865, 13.5365

Previews

White Background



This preview shows how the YUV color 104.8800, -38.3948, -5.1568 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 104.8800, -38.3948, -5.1568 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 104.8800, -38.3948, -5.1568

Background



This preview shows how black text looks on a background with the YUV color 104.8800, -38.3948, -5.1568.



This preview shows how white text looks on a background with the YUV color 104.8800, -38.3948, -5.1568.

-5.1568.

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

104.8800, -38.3948, -5.1568

Protanopia

108.0400, -40.9387, 17.5049

Deuteranopia

110.0290, -37.4823, 28.9156



Tritanopia

114.2320, 4.8156, -4.5885

Trichromacy



Original Color

104.8800, -38.3948, -5.1568

Protanomaly

106.6260, -39.7486, 9.0980

Deuteranomaly

107.8380, -37.8811, 16.8051

Tritanomaly

110.8070, -10.7509, -5.0927

Monochromacy



Original Color

104.8800, -38.3948, -5.1568

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3190, -13.9613, -2.0338

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8800, -38.3948, -5.1568 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(99, 123, 27)` looks like.

```
.text, #text, p{  
    color:rgb(99, 123, 27)  
}
```

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(99, 123, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 123, 27) }
```

Border

The CSS property to change the border of an element to YUV 104.8800, -38.3948, -5.1568 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(99, 123, 27) }
```


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

```
.border{ border-color:rgb(99, 123, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 123, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 123, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 123, 27);  
box-shadow:4px 4px 4px 4px rgb(99, 123,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 104.8800, -38.3948, -5.1568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 123, 27) }
```

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

```
.background{ background-color: rgb(99, 123,  
27) }
```

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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