

Converting Colors

YUV(95.8760, -38.8859,
12.3867)

Have a look what the booklet for
YUV(95.8760, -38.8859, 12.3867)
contains.

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Color

**YUV(95.8760, -38.8859,
12.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6811
RGB	110, 104, 17
RGB Percent	43%, 41%, 7%
CMY	0.5686, 0.5922, 0.9333
CMYK	0.00, 0.05, 0.85, 0.57
HSL	56°, 73%, 25%
HSV	56°, 85%, 43%
XYZ	11.4819, 13.2561, 2.4838
YIQ	95.8760, 31.5030, -25.7850

Conversions

Conversions Part 2

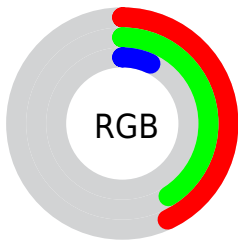
Format	Color
R _Y B	23, 110, 17
Decimal	7235601
CIE Lab	43.15, -7.77, 45.26
CIE LCh	43, 45.918, 99.746
Yxy	13.2561, 0.4218, 0.4870
Android (android.graphics.Color)	4285425681 (0xFF6E6811)
YUV	95.8760, -38.8859, 12.3867
Hunter-Lab	36.4089, -7.4239, 21.4415

Details

The YUV color **95.8760, -38.8859, 12.3867** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **31.1240, 38.8859, -12.3867**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8870, -38.8913, 14.1311**, and **51.1000, -25.1923, 6.9283** is the 20% darker color. If you saturate the color by 10%, you get **94.0350, -43.4013, 14.0013**, and if you desaturate by 10%, it is **97.7170, -34.3705, 10.7722**.

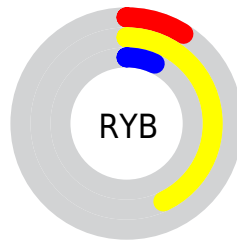
Distribution



Red (43%)

Green (41%)

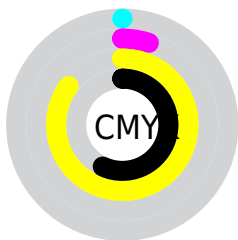
Blue (7%)



Red (9%)

Yellow (43%)

Blue (7%)

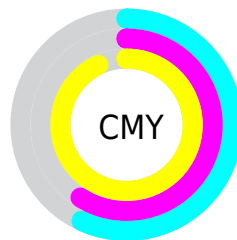


Cyan (0%)

Magenta (5%)

Yellow (85%)

Black (57%)



Cyan (57%)

Magenta (59%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8760, -38.8859, 12.3867 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 95.8760, -38.8859, 12.3867 by changing the saturation by 10% instead.

■ 95.8760, -38.8859,
12.3867

■ 95.8760, -38.8859,
12.3867

■ 255.0000, 0.0000,
0.0000

■ 72.0760, -35.5335,
10.4573

■ 147.8870,
-38.8913, 14.1311

■ 51.1000, -25.1923,
6.9283

■ 175.3710,
-39.6229, 15.4606

■ 31.2980, -15.4299,
2.3697

■ 202.5560,
-40.2071, 16.1754

■ 9.3920, -4.6303,
-8.2368

■ 230.9260,
-41.3755, 17.6049

■ 0.0000, 0.0000,
0.0000

■ 245.7660,
-35.3806, 8.0982

■ 248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 95.8760, -38.8859,
12.3867

■ 95.8760, -38.8859,
12.3867

■ 94.0350, -43.4013,
14.0013

■ 97.7170, -34.3705,
10.7722

■ 93.3510, -46.0220,
14.6012

■ 98.9710, -29.5657,
9.6724

■ 100.8120,
-25.0503, 8.0579

■ 102.6530,
-20.5349, 6.4433

■ 104.4940,
-16.0195, 4.8288

■ 105.7480,
-11.2148, 3.7290

■ 107.5890, -6.6994,
2.1144

■ 109.4300, -2.1840,
0.4999

■ 110.6840, 2.6208,
-0.5999

Harmonies

Analogous

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



98.9530, -35.4728, 37.7522



95.8760, -38.8859, 12.3867



91.4080, -25.8371, -19.6518

Triad

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



95.8760, -38.8859, 12.3867



86.9530, 31.0822, -76.2578



103.3260, 12.6573, 47.0721

Complementary

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



95.8760, -38.8859, 12.3867



31.1240, 38.8859, -12.3867

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.



104.7160, 27.7480, 13.4041



95.8760, -38.8859, 12.3867



86.0530, 42.8649, -75.4685

Square

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



95.8760, -38.8859, 12.3867



83.4360, 15.0681, -73.1734



93.5070, 41.1620, -42.5406



100.2450, -4.5578, 62.0521

Rectangle

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



95.8760, -38.8859, 12.3867



82.6240, -10.1676, -52.2902



93.5070, 41.1620, -42.5406



104.6390, 17.9260, 37.1506

Sweetspot

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



95.8760, -38.8859, 12.3867



137.1350, -14.8566, 5.1436



45.4910, -11.0881, 56.5744



68.0190, -8.8834, 2.6143



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



95.8760, -38.8859, 12.3867



121.4150, -59.8576, 18.9300



87.4380, -34.7259, -15.2931



55.3160, -2.6208, 0.5999



101.6240, -50.1006, 16.1158



209.4500, -103.2588, 32.9314

Inverse Universe

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



31.1240, 38.8859, -12.3867



21.5850, 59.8576, -18.9300



39.5620, 34.7259, 15.2931



51.2710, 2.3314, -1.1147



18.3760, 50.1006, -16.1158



37.5500, 103.2588, -32.9313

Previews

White Background



This preview shows how the YUV color 95.8760, -38.8859, 12.3867 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 95.8760, -38.8859, 12.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

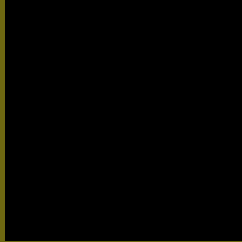
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8760, -38.8859, 12.3867

Background



This preview shows how black text looks on a background with the YUV color 95.8760, -38.8859, 12.3867.



This preview shows how white text looks on a background with the YUV color 95.8760, -38.8859,

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

95.8760, -38.8859, 12.3867

Protanopia

96.1970, -39.0441, 16.4902

Deuteranopia

98.0180, -37.4769, 27.1712



Tritanopia

103.4790, 0.2569, 10.9809

Trichromacy



Original Color

95.8760, -38.8859, 12.3867

Protanomaly

96.1860, -39.0387, 14.7459

Deuteranomaly

97.4580, -38.1868, 21.5233

Tritanomaly

100.9940, -14.2940, 11.4063

Monochromacy



Original Color

95.8760, -38.8859, 12.3867

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9500, -14.2724, 4.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8760, -38.8859, 12.3867 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, 104, 17)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 17)  
}
```

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, 104, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 17) }
```

Border

The CSS property to change the border of an element to YUV 95.8760, -38.8859, 12.3867 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, 104, 17) }
```


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

```
.border{ border-color:rgb(110, 104, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 17);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 95.8760, -38.8859, 12.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 17) }
```

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

```
.background{ background-color: rgb(110,  
104, 17) }
```

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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