

Converting Colors

YUV(89.3680, -11.5204, 8.4473)

Have a look what the booklet for
YUV(89.3680, -11.5204, 8.4473)
contains.

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Color

**YUV(89.3680, -11.5204,
8.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	635942
RGB	99, 89, 66
RGB Percent	39%, 35%, 26%
CMY	0.6118, 0.6510, 0.7412
CMYK	0.00, 0.10, 0.33, 0.61
HSL	42°, 20%, 32%
HSV	42°, 33%, 39%
XYZ	9.7013, 10.1908, 6.6100
YIQ	89.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

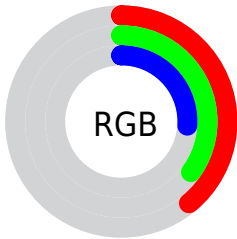
Format	Color
R_{YB}	80, 99, 66
Decimal	6510914
CIE Lab	38.18, 0.12, 14.81
CIE LCh	38, 14.815, 89.524
Yxy	10.1908, 0.3661, 0.3845
Android (android.graphics.Color)	4284700994 (0xFF635942)
YUV	89.3680, -11.5204, 8.4473
Hunter-Lab	31.9230, -1.6193, 10.0695

Details

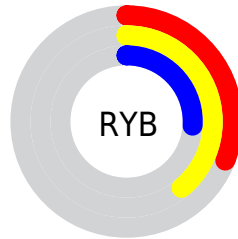
The YUV color **89.3680, -11.5204, 8.4473** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75.6320, 11.5204, -8.4473**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4390, -12.5414, 9.2620**, and **43.9980, -10.3520, 7.0178** is the 20% darker color. If you saturate the color by 10%, you get **86.4670, -15.0202, 10.9914**, and if you desaturate by 10%, it is **92.2690, -8.0206, 5.9031**.

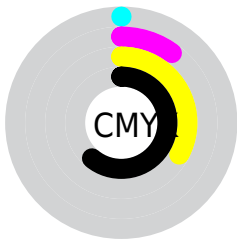
Distribution



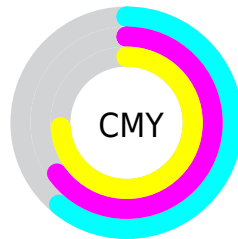
- Red (39%)
- Green (35%)
- Blue (26%)



- Red (31%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (33%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3680, -11.5204, 8.4473 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 89.3680, -11.5204, 8.4473 by changing the saturation by 10% instead.

■ 89.3680, -11.5204,
8.4473

■ 89.3680, -11.5204,
8.4473

■ 255.0000, 0.0000,
0.0000

■ 66.1830, -10.9362,
7.7325

■ 139.4390,
-12.5414, 9.2620

■ 43.9980, -10.3520,
7.0178

■ 165.7380,
-12.6888, 9.8768

■ 23.0690, -11.3730,
7.8325

■ 192.9230,
-13.2730, 10.5915

■ 0.0000, 0.0000,
0.0000

■ 220.8090,
-13.7098, 10.6915

■ 247.6020,
-13.1148, 6.4880

■ 254.4300, -2.1840,

0.4999

■ 89.3680, -11.5204,
8.4473

■ 89.3680, -11.5204,
8.4473

■ 86.4670, -15.0202,
10.9914

■ 92.2690, -8.0206,
5.9031

■ 83.5660, -18.5200,
13.5356

■ 95.1700, -4.5208,
3.3589

■ 80.6650, -22.0198,
16.0798

■ 98.0710, -1.0210,
0.8147

■ 77.7640, -25.5197,
18.6240

■ 100.9720, 2.4788,
-1.7294

■ 74.9770, -28.5827,
21.0682

■ 103.8730, 5.9786,
-4.2736

■ 72.0760, -32.0825,
23.6123

■ 106.6600, 9.0416,
-6.7178

■ 70.1040, -34.5613,
25.3418

■ 109.5610, 12.5414,
-9.2620

■ 112.4620, 16.0412,
-11.8062

■ 115.3630, 19.5410,
-14.3504

Harmonies

Analogous

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



90.4660, -10.0897, 16.2543



89.3680, -11.5204, 8.4473



88.1710, -9.4513, -1.9040

Triad

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



89.3680, -11.5204, 8.4473



84.3110, 8.2277, -25.7057



91.7440, 5.0562, 11.6255

Complementary

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



89.3680, -11.5204, 8.4473



75.6320, 11.5204, -8.4473

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.



91.2310, 9.7461, 0.6744



89.3680, -11.5204, 8.4473



85.9570, 11.8532, -21.8873

Square

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



89.3680, -11.5204, 8.4473



85.3240, 1.8123, -21.3321



88.8380, 12.4049, -12.1359



91.7080, -0.3490, 18.6731

Rectangle

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



89.3680, -11.5204, 8.4473



87.2240, -6.5194, -8.9664



88.8380, 12.4049, -12.1359



91.5910, 7.1036, 8.2517

Sweetspot

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



89.3680, -11.5204, 8.4473



124.1700, -4.5208, 3.3589



77.0070, -0.4965, 19.2879



61.3270, -2.6262, 2.3442



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



89.3680, -11.5204, 8.4473



112.7940, -17.6464, 13.3357



93.4440, -13.5299, -0.3894



46.9570, -1.4578, 0.9147



79.2740, -39.0821, 28.7007



169.7890, -83.7060, 61.5750

Inverse Universe

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



75.6320, 11.5204, -8.4473



91.6190, 17.9358, -12.8209



71.5560, 13.5299, 0.3894



45.0430, 1.4578, -0.9147



32.7260, 39.0821, -28.7007



70.2110, 83.7060, -61.5750

Previews

White Background



This preview shows how the YUV color 89.3680, -11.5204, 8.4473 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 89.3680, -11.5204, 8.4473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

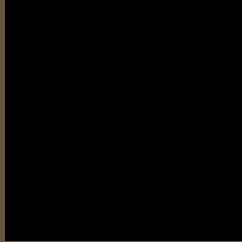
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3680, -11.5204, 8.4473

Background



This preview shows how black text looks on a background with the YUV color 89.3680, -11.5204, 8.4473.

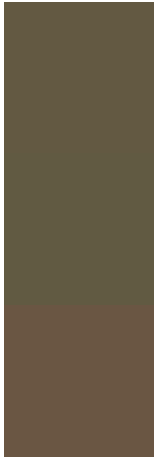


This preview shows how white text looks on a background with the YUV color 89.3680, -11.5204,

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

89.3680, -11.5204, 8.4473

Protanopia

89.3570, -11.5150, 6.7029

Deuteranopia

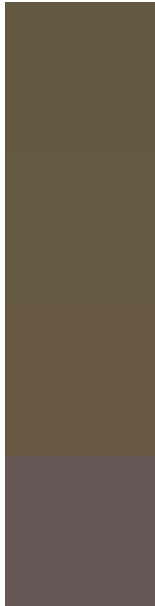
89.8140, -11.2473, 14.1951



Tritanopia

91.4680, 0.2623, 9.2366

Trichromacy



Original Color

89.3680, -11.5204, 8.4473

Protanomaly

89.6560, -11.6624, 7.3177

Deuteranomaly

89.5040, -11.0945, 11.8360

Tritanomaly

90.7300, -3.8109, 9.0068

Monochromacy



Original Color

89.3680, -11.5204, 8.4473

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2840, -4.0840, 3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3680, -11.5204, 8.4473 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, 89, 66)` looks like.

```
.text, #text, p{  
    color:rgb(99, 89, 66)  
}
```

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, 89, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 89, 66) }
```

Border

The CSS property to change the border of an element to YUV 89.3680, -11.5204, 8.4473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

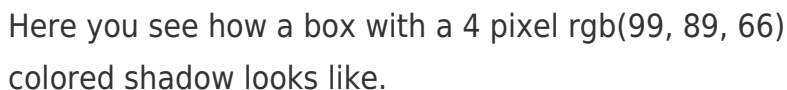
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 89, 66) }
```


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

```
.border{ border-color:rgb(99, 89, 66) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 89, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 89, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 89, 66);  
box-shadow:4px 4px 4px 4px rgb(99, 89, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.3680, -11.5204, 8.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 89, 66) }
```

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

```
.background{ background-color: rgb(99, 89,  
66) }
```

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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