

Converting Colors

YUV(89.6820, -7.7312, 6.4179)

Have a look what the booklet for
YUV(89.6820, -7.7312, 6.4179)
contains.

YUV(89.6820, -7.7312, 6.4179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.6820, -7.7312,
6.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	61594A
RGB	97, 89, 74
RGB Percent	38%, 35%, 29%
CMY	0.6196, 0.6510, 0.7098
CMYK	0.00, 0.08, 0.24, 0.62
HSL	39°, 13%, 34%
HSV	39°, 24%, 38%
XYZ	9.7382, 10.1806, 7.9304
YIQ	89.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

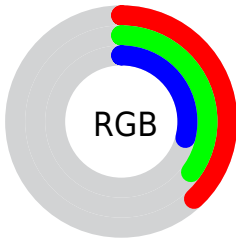
Format	Color
R_{YB}	86, 97, 74
Decimal	6379850
CIE Lab	38.16, 0.50, 9.86
CIE LCh	38, 9.876, 87.119
Yxy	10.1806, 0.3497, 0.3656
Android (android.graphics.Color)	4284569930 (0xFF61594A)
YUV	89.6820, -7.7312, 6.4179
Hunter-Lab	31.9070, -1.3581, 7.5986

Details

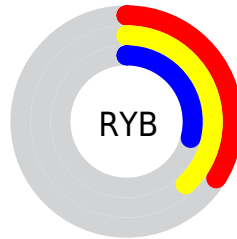
The YUV color **89.6820, -7.7312, 6.4179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.3180, 7.7312, -6.4179**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8670, -8.3154, 7.1326**, and **44.1980, -6.9996, 5.0884** is the 20% darker color. If you saturate the color by 10%, you get **86.7810, -11.2310, 8.9621**, and if you desaturate by 10%, it is **92.5830, -4.2314, 3.8737**.

Distribution



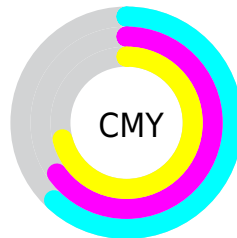
- Red (38%)
- Green (35%)
- Blue (29%)



- Red (34%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6820, -7.7312, 6.4179 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 89.6820, -7.7312, 6.4179 by changing the saturation by 10% instead.

■ 89.6820, -7.7312,
6.4179

■ 89.6820, -7.7312,
6.4179

255.0000, 0.0000,
0.0000

■ 66.3830, -7.5838,
5.8031

■ 139.8670, -8.3154,
7.1326

■ 44.1980, -6.9996,
5.0884

■ 166.0520, -8.8996,
7.8474

■ 23.1550, -8.4574,
6.0031

■ 193.0520, -8.8996,
7.8474

■ 0.0000, 0.0000,
0.0000

■ 221.0520, -8.8996,
7.8474

■ 248.7420, -8.7468,
5.4883

■ 89.6820, -7.7312,
6.4179

■ 89.6820, -7.7312,
6.4179

■ 86.7810, -11.2310,
8.9621

■ 92.5830, -4.2314,
3.8737

■ 83.4070, -14.0047,
11.9211

■ 95.9570, -1.4578,
0.9147

■ 80.5060, -17.5045,
14.4652

■ 98.8580, 2.0420,
-1.6295

■ 77.6050, -21.0043,
17.0094

■ 101.7590, 5.5418,
-4.1736

■ 74.2310, -23.7779,
19.9684

■ 105.2470, 8.7522,
-7.2326

■ 71.3300, -27.2777,
22.5126

■ 108.0340, 11.8152,
-9.6768

■ 67.8420, -30.4881,
25.5716

■ 111.5220, 15.0257,
-12.7358

■ 65.9840, -32.5301,

■ 114.4230, 18.5255,

27.2010

-15.2800

■ 117.2100, 21.5885,
-17.7242

Harmonies

Analogous

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



90.3560, -6.5845, 11.9658



89.6820, -7.7312, 6.4179



88.9800, -6.3991, -0.8595

Triad

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



89.6820, -7.7312, 6.4179



86.8670, 4.9956, -15.6694



91.6680, 3.6147, 7.3072

Complementary

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



89.6820, -7.7312, 6.4179



81.3180, 7.7312, -6.4179

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.



90.4220, 6.6940, -0.3701



89.6820, -7.7312, 6.4179



87.8610, 7.4635, -13.9101

Square

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



89.6820, -7.7312, 6.4179



86.8520, 1.0590, -13.0252



89.4210, 8.1734, -8.2622



91.0770, -0.0380, 12.2105

Rectangle

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



89.6820, -7.7312, 6.4179



88.1150, -4.4937, -5.3629



89.4210, 8.1734, -8.2622



90.9990, 4.9305, 5.2629

Sweetspot

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



89.6820, -7.7312, 6.4179



122.2130, -3.0630, 2.4442



81.7890, 0.1040, 13.3400



62.2560, -1.6052, 1.5295



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.



89.6820, -7.7312, 6.4179



113.9660, -11.8152, 9.6768



93.4810, -9.6041, 0.4552



46.9570, -1.4578, 0.9147



76.3390, -37.6351, 31.2747



163.3320, -80.5227, 67.2378

Inverse Universe

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



81.3180, 7.7312, -6.4179



101.0340, 11.8152, -9.6768



77.5190, 9.6041, -0.4552



45.0430, 1.4578, -0.9147



35.6610, 37.6351, -31.2747



76.0810, 80.8121, -66.7230

Previews

White Background



This preview shows how the YUV color 89.6820, -7.7312, 6.4179 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 89.6820, -7.7312, 6.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

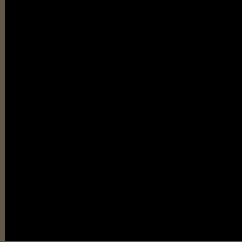
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6820, -7.7312, 6.4179

Background



This preview shows how black text looks on a background with the YUV color 89.6820, -7.7312, 6.4179.

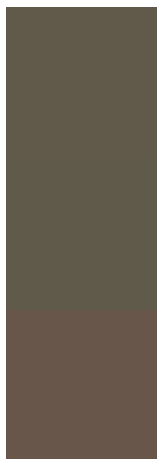


This preview shows how white text looks on a background with the YUV color 89.6820, -7.7312, 6.4179.

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

89.6820, -7.7312, 6.4179

Protanopia

89.6710, -7.7258, 4.6735

Deuteranopia

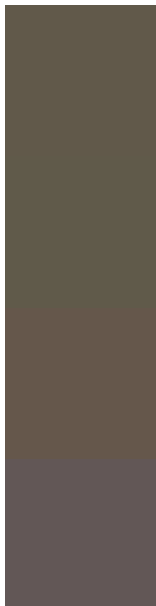
90.1280, -7.4581, 12.1657



Tritanopia

90.6850, 1.1413, 7.2923

Trichromacy



Original Color

89.6820, -7.7312, 6.4179

Protanomaly

89.9700, -7.8732, 5.2883

Deuteranomaly

89.8180, -7.3053, 9.8066

Tritanomaly

90.1750, -2.0583, 6.8625

Monochromacy



Original Color

89.6820, -7.7312, 6.4179

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2130, -3.0630, 2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6820, -7.7312, 6.4179 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(97, 89, 74)` looks like.

```
.text, #text, p{  
    color:rgb(97, 89, 74)  
}
```

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(97, 89, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 89, 74) }
```

Border

The CSS property to change the border of an element to YUV 89.6820, -7.7312, 6.4179 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(97, 89, 74) }
```


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

```
.border{ border-color:rgb(97, 89, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 89, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 89, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 89, 74);  
box-shadow:4px 4px 4px 4px rgb(97, 89, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.6820, -7.7312, 6.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 89, 74) }
```

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

```
.background{ background-color: rgb(97, 89,  
74) }
```

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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