

Converting Colors

YUV(88.6020, -9.6638, 19.6430)

Have a look what the booklet for
YUV(88.6020, -9.6638, 19.6430)
contains.

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Color

**YUV(88.6020, -9.6638,
19.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5145
RGB	111, 81, 69
RGB Percent	44%, 32%, 27%
CMY	0.5647, 0.6824, 0.7294
CMYK	0.00, 0.27, 0.38, 0.56
HSL	17°, 23%, 35%
HSV	17°, 38%, 44%
XYZ	10.5722, 9.6940, 6.9441
YIQ	88.6020, 21.7320, 2.6280

Conversions

Conversions Part 2

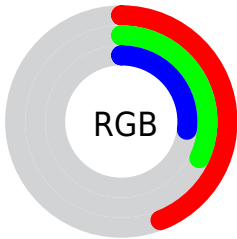
Format	Color
R _{YB}	111, 86, 69
Decimal	7295301
CIE _{Lab}	37.29, 10.77, 11.97
CIE _{LCh}	37, 16.103, 48.009
Yxy	9.6940, 0.3885, 0.3563
Android (android.graphics.Color)	4285485381 (0xFF6F5145)
YUV	88.6020, -9.6638, 19.6430
Hunter-Lab	31.1352, 6.1240, 8.5711

Details

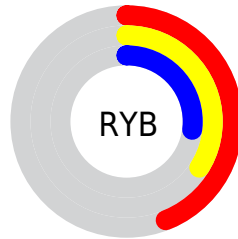
The YUV color **88.6020, -9.6638, 19.6430** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.3980, 9.6638, -19.6430**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6840, -10.6902, 22.2021**, and **42.6340, -8.2006, 16.9840** is the 20% darker color. If you saturate the color by 10%, you get **82.6520, -12.1534, 24.8612**, and if you desaturate by 10%, it is **94.5520, -7.1741, 14.4249**.

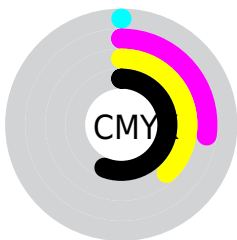
Distribution



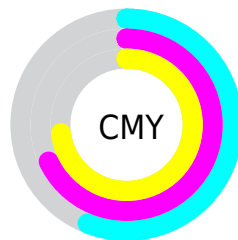
- Red (44%)
- Green (32%)
- Blue (27%)



- Red (44%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (56%)



- Cyan (56%)
- Magenta (68%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6020, -9.6638, 19.6430 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 88.6020, -9.6638, 19.6430 by changing the saturation by 10% instead.

■ 88.6020, -9.6638,
19.6430

■ 88.6020, -9.6638,
19.6430

255.0000, 0.0000,
0.0000

■ 65.1180, -8.9322,
18.3135

■ 138.6840,
-10.6902, 22.2021

■ 42.6340, -8.2006,
16.9840

■ 164.9830,
-10.8376, 22.8169

■ 21.3520, -10.5265,
16.3543

■ 192.1680,
-11.4218, 23.5317

■ 0.0000, 0.0000,
0.0000

■ 220.4670,
-11.5692, 24.1464

■ 242.1880, -8.4737,
11.2361

254.7720, -0.8736,

0.2000

■ 88.6020, -9.6638,
19.6430

■ 88.6020, -9.6638,
19.6430

■ 82.6520, -12.1534,
24.8612

■ 94.5520, -7.1741,
14.4249

■ 76.7020, -14.6431,
30.0793

■ 100.5020, -4.6845,
9.2067

■ 70.7520, -17.1327,
35.2975

■ 106.4520, -2.1948,
3.9886

■ 64.8020, -19.6224,
40.5156

■ 112.4020, 0.2948,
-1.2296

■ 58.7380, -22.5488,
45.8338

■ 118.3520, 2.7845,
-6.4477

■ 52.7880, -25.0385,
51.0519

■ 124.4160, 5.7109,
-11.7658

■ 51.9730, -25.6227,
51.7667

■ 130.3660, 8.2006,
-16.9840

■ 135.7290, 10.9796,
-21.6873

■ 141.6790, 13.4693,
-26.9055

Harmonies

Analogous

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



89.5790, -4.7224, 21.4172



88.6020, -9.6638, 19.6430



87.5750, -12.1155, 12.6507

Triad

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



88.6020, -9.6638, 19.6430



83.0530, -0.5191, -20.2175



88.0670, 11.7990, -4.4438

Complementary

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



88.6020, -9.6638, 19.6430



91.3980, 9.6638, -19.6430

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.



85.7340, 13.4421, -18.1837



88.6020, -9.6638, 19.6430



81.5450, 6.6333, -27.6650

Square

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



88.6020, -9.6638, 19.6430



84.6970, -7.2456, -9.3813



82.6250, 12.0169, -27.7351



89.7050, 7.5404, 8.1517

Rectangle

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



88.6020, -9.6638, 19.6430



86.8300, -12.2412, 6.2881



82.6250, 12.0169, -27.7351



87.5610, 12.5414, -9.2620

Sweetspot

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



88.6020, -9.6638, 19.6430



136.7190, -3.8055, 7.2624



84.9780, 6.9128, 22.8213



68.7510, -2.3422, 4.6034



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



88.6020, -9.6638, 19.6430



110.5880, -15.0799, 30.1793



100.9290, -15.7410, 8.8323



52.9680, -1.4632, 2.6591



55.8380, -27.5281, 56.2701



115.5300, -56.9563, 115.2992

Inverse Universe

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



91.3980, 9.6638, -19.6430



114.9990, 14.7905, -30.6941



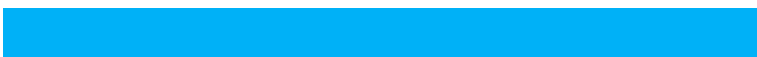
79.0710, 15.7410, -8.8323



53.0320, 1.4632, -2.6591



64.1620, 27.5281, -56.2701



132.0570, 56.6669, -115.8140

Previews

White Background



This preview shows how the YUV color 88.6020, -9.6638, 19.6430 looks on a white background.

Color Contrast Check

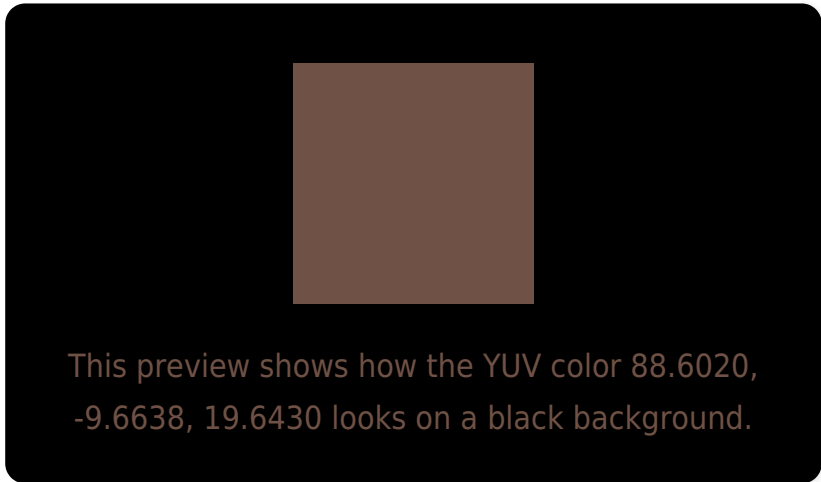
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

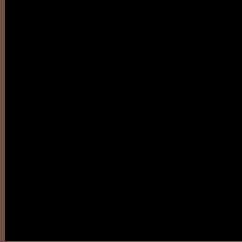
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6020, -9.6638, 19.6430

Background



This preview shows how black text looks on a background with the YUV color 88.6020, -9.6638, 19.6430.



This preview shows how white text looks on a background with the YUV color 88.6020, -9.6638,

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

88.6020, -9.6638, 19.6430

Protanopia

87.6710, -7.7258, 4.6735

Deuteranopia

87.8570, -9.7895, 13.2804



Tritanopia

89.8500, -2.3910, 20.3026

Trichromacy



Original Color

88.6020, -9.6638, 19.6430

Protanomaly

87.8890, -8.3263, 10.6213

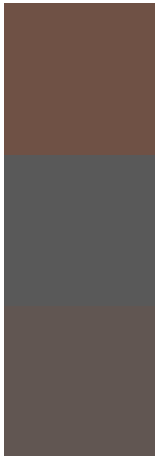
Deuteranomaly

88.1670, -9.9423, 15.6395

Tritanomaly

89.4540, -5.1538, 19.7728

Monochromacy



Original Color

88.6020, -9.6638, 19.6430

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6020, -9.6638, 19.6430 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(111, 81, 69)` looks like.

```
.text, #text, p{  
    color:rgb(111, 81, 69)  
}
```

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(111, 81, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 81, 69) }
```

Border

The CSS property to change the border of an element to YUV 88.6020, -9.6638, 19.6430 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(111, 81, 69) }
```


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

```
.border{ border-color:rgb(111, 81, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 81, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 81, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 81, 69);  
box-shadow:4px 4px 4px 4px rgb(111, 81,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 88.6020, -9.6638, 19.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 81, 69) }
```

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

```
.background{ background-color: rgb(111, 81,  
69) }
```

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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