

Converting Colors

YUV(88.3230, -6.5682, 6.7327)

Have a look what the booklet for
YUV(88.3230, -6.5682, 6.7327)
contains.

YUV(88.3230, -6.5682, 6.7327)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(88.3230, -6.5682,
6.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	60574B
RGB	96, 87, 75
RGB Percent	38%, 34%, 29%
CMY	0.6235, 0.6588, 0.7059
CMYK	0.00, 0.09, 0.22, 0.62
HSL	34°, 12%, 34%
HSV	34°, 22%, 38%
XYZ	9.5021, 9.8112, 8.0495
YIQ	88.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

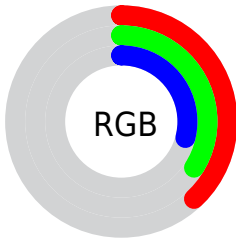
Format	Color
R_{YB}	91, 96, 75
Decimal	6313803
CIE Lab	37.50, 1.45, 8.30
CIE LCh	38, 8.430, 80.105
Yxy	9.8112, 0.3473, 0.3586
Android (android.graphics.Color)	4284503883 (0xFF60574B)
YUV	88.3230, -6.5682, 6.7327
Hunter-Lab	31.3228, -0.6653, 6.6892

Details

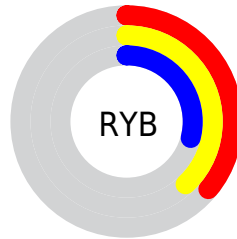
The YUV color **88.3230, -6.5682, 6.7327** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.6770, 6.5682, -6.7327**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5080, -7.1524, 7.4475**, and **42.8390, -5.8366, 5.4032** is the 20% darker color. If you saturate the color by 10%, you get **84.8350, -9.7787, 9.7917**, and if you desaturate by 10%, it is **91.8110, -3.3578, 3.6738**.

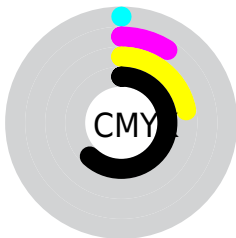
Distribution



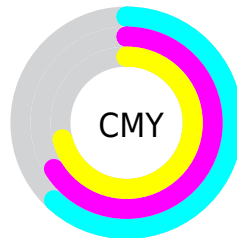
- Red (38%)
- Green (34%)
- Blue (29%)



- Red (36%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (62%)



- Cyan (62%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3230, -6.5682, 6.7327 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 88.3230, -6.5682, 6.7327 by changing the saturation by 10% instead.

■ 88.3230, -6.5682,
6.7327

■ 88.3230, -6.5682,
6.7327

■ 255.0000, 0.0000,
0.0000

■ 65.0240, -6.4208,
6.1180

■ 138.5080, -7.1524,
7.4475

■ 42.8390, -5.8366,
5.4032

■ 164.5080, -7.1524,
7.4475

■ 21.7960, -7.2944,
6.3179

■ 191.6930, -7.7366,
8.1622

■ 0.0000, 0.0000,
0.0000

■ 219.6930, -7.7366,
8.1622

■ 247.0950, -7.4418,
6.9327

■ 88.3230, -6.5682,
6.7327

■ 88.3230, -6.5682,
6.7327

■ 84.8350, -9.7787,
9.7917

■ 91.8110, -3.3578,
3.6738

■ 81.4610, -12.5523,
12.7507

■ 95.1850, -0.5842,
0.7148

■ 77.9730, -15.7627,
15.8097

■ 98.6730, 2.6262,
-2.3442

■ 74.5990, -18.5363,
18.7687

■ 102.0470, 5.3998,
-5.3032

■ 70.5240, -21.4573,
22.3425

■ 106.1220, 8.3209,
-8.8770

■ 67.0360, -24.6677,
25.4014

■ 109.6100, 11.5313,
-11.9360

■ 63.6620, -27.4414,
28.3604

■ 112.9840, 14.3049,
-14.8950

■ 60.9890, -30.0676,

■ 116.4720, 17.5153,

30.7046

-17.9539

■ 119.8460, 20.2889,
-20.9129

Harmonies

Analogous

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



88.9860, -5.4161, 10.5363



88.3230, -6.5682, 6.7327



87.4040, -6.1152, 1.3997

Triad

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



88.3230, -6.5682, 6.7327



85.8350, 3.5323, -13.0103



89.3580, 3.7675, 4.9480

Complementary

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



88.3230, -6.5682, 6.7327



82.6770, 6.5682, -6.7327

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.



88.5960, 6.1152, -1.3997



88.3230, -6.5682, 6.7327



86.1170, 5.8583, -12.3806

Square

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



88.3230, -6.5682, 6.7327



85.9340, 0.0325, -10.4661



87.6660, 6.5737, -8.4771



89.8810, 0.5517, 9.7514

Rectangle

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



88.3230, -6.5682, 6.7327



87.4250, -4.6465, -3.0037



87.6660, 6.5737, -8.4771



89.2760, 4.7939, 2.3889

Sweetspot

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



88.3230, -6.5682, 6.7327



121.6260, -2.7736, 2.9590



82.3050, 0.8356, 12.0105



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.



88.3230, -6.5682, 6.7327



113.0200, -10.3629, 10.5065



93.3070, -9.0254, 1.4848



46.3700, -1.1684, 1.4295



71.0560, -35.0306, 35.9079



152.1790, -75.0242, 77.0190

Inverse Universe

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



82.6770, 6.5682, -6.7327



103.9800, 10.3629, -10.5065



77.6930, 9.0254, -1.4848



45.6300, 1.1684, -1.4295



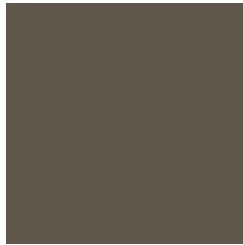
40.9440, 35.0306, -35.9079



87.8210, 75.0242, -77.0190

Previews

White Background



This preview shows how the YUV color 88.3230, -6.5682, 6.7327 looks on a white background.

Color Contrast Check

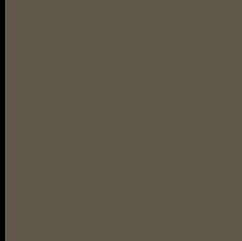
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 88.3230, -6.5682, 6.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

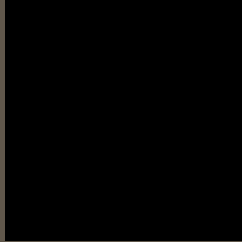
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3230, -6.5682, 6.7327

Background



This preview shows how black text looks on a background with the YUV color 88.3230, -6.5682, 6.7327.

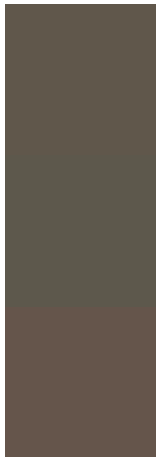


This preview shows how white text looks on a background with the YUV color 88.3230, -6.5682,

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

88.3230, -6.5682, 6.7327

Protanopia

88.1270, -5.9786, 4.2736

Deuteranopia

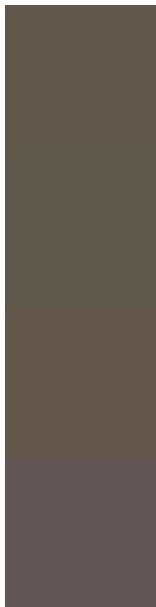
88.6440, -6.7265, 10.8362



Tritanopia

89.5710, 0.7045, 7.3922

Trichromacy



Original Color

88.3230, -6.5682, 6.7327

Protanomaly

88.4260, -6.1260, 4.8884

Deuteranomaly

88.6330, -6.7211, 9.0919

Tritanomaly

89.1750, -2.0583, 6.8625

Monochromacy



Original Color

88.3230, -6.5682, 6.7327

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3230, -6.5682, 6.7327 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(96, 87, 75)` looks like.

```
.text, #text, p{  
    color:rgb(96, 87, 75)  
}
```

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(96, 87, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 87, 75) }
```

Border

The CSS property to change the border of an element to YUV 88.3230, -6.5682, 6.7327 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(96, 87, 75) }
```


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

```
.border{ border-color:rgb(96, 87, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 87, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 87, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 87, 75);  
box-shadow:4px 4px 4px 4px rgb(96, 87, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.3230, -6.5682, 6.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 87, 75) }
```

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

```
.background{ background-color: rgb(96, 87,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor