

Converting Colors

YUV(88.2970, -13.9504, -5.5225)

Have a look what the booklet for
YUV(88.2970, -13.9504, -5.5225)
contains.

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Color

**YUV(88.2970, -13.9504,
-5.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	52613C
RGB	82, 97, 60
RGB Percent	32%, 38%, 24%
CMY	0.6784, 0.6196, 0.7647
CMYK	0.15, 0.00, 0.38, 0.62
HSL	84°, 24%, 31%
HSV	84°, 38%, 38%
XYZ	8.5700, 10.6695, 5.8827
YIQ	88.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

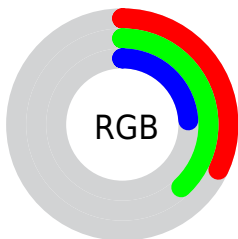
Format	Color
RYB	60, 97, 75
Decimal	5398844
CIELab	39.02, -12.94, 19.25
CIElCh	39, 23.195, 123.907
Yxy	10.6695, 0.3411, 0.4247
Android (android.graphics.Color)	4283588924 (0xFF52613C)
YUV	88.2970, -13.9504, -5.5225
Hunter-Lab	32.6642, -10.3299, 12.1870

Details


The YUV color **88.2970, -13.9504, -5.5225** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.7030, 13.9504, 5.5225**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6560, -15.1134, -5.8373**, and **42.6390, -12.6400, -5.8224** is the 20% darker color. If you saturate the color by 10%, you get **85.9610, -17.7288, -6.9818**, and if you desaturate by 10%, it is **90.6330, -10.1721, -4.0631**.

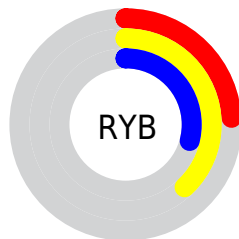
Distribution



 Red (32%)

 Green (38%)

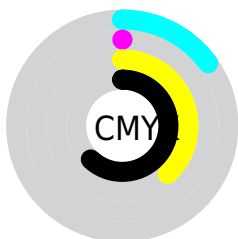
 Blue (24%)




 Red (24%)

 Yellow (38%)

 Blue (29%)

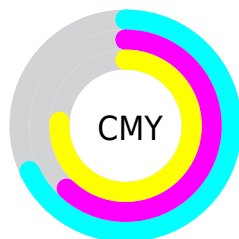



 Cyan (15%)


 Magenta (0%)

 Yellow (38%)

 Black (62%)



 Cyan (68%)

 Magenta (62%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.2970, -13.9504, -5.5225 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 88.2970, -13.9504, -5.5225 by changing the saturation by 10% instead.

88.2970, -13.9504,
-5.5225

88.2970, -13.9504,
-5.5225

255.0000, 0.0000,
0.0000

64.8240, -13.2242,
-5.1076

138.6560,
-15.1134, -5.8373

42.6390, -12.6400,
-5.8224

164.5420,
-15.5502, -5.7373

22.3940, -11.0402,
-5.6075

192.0150,
-16.2764, -6.1522

0.0000, 0.0000,
0.0000

220.0150,
-16.2764, -6.1522

246.4390,
-15.9924, -3.8930

253.6320, -5.2416,

1.1997

■ 88.2970, -13.9504,
-5.5225

■ 88.2970, -13.9504,
-5.5225

■ 85.9610, -17.7288,
-6.9818

■ 90.6330, -10.1721,
-4.0631

■ 83.7390, -21.0703,
-8.5411

■ 92.8550, -6.8305,
-2.5038

■ 81.4030, -24.8487,
-10.0004

■ 95.1910, -3.0522,
-1.0445

■ 79.0670, -28.6270,
-11.4598

■ 97.5270, 0.7262,
0.4148

■ 76.8450, -31.9686,
-13.0191

■ 99.8630, 4.5045,
1.8741

■ 74.5090, -35.7469,
-14.4784

■ 102.0850, 7.8461,
3.4335

■ 74.2810, -36.6205,
-14.2784

■ 104.4210, 11.6244,
4.8928

■ 106.4580, 15.5502,
5.7373

■ 108.6800, 18.8918,
7.2966

Harmonies

Analogous

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



90.6580, -18.0724, 9.9469



88.2970, -13.9504, -5.5225



85.4780, -5.1657, -23.2212

Triad

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



88.2970, -13.9504, -5.5225



82.8390, 20.7854, -40.2008



93.7310, -1.8394, 30.0539

Complementary

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



88.2970, -13.9504, -5.5225



68.7030, 13.9504, 5.5225

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.



94.6680, 7.0657, 20.4622



88.2970, -13.9504, -5.5225



89.9280, 19.2625, -18.3539

Square

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



88.2970, -13.9504, -5.5225



77.4370, 17.0396, -52.1262



93.5070, 14.5400, 3.0634



92.5540, -10.1331, 30.2091

Rectangle

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



88.2970, -13.9504, -5.5225



82.6490, 2.1450, -34.7722



93.5070, 14.5400, 3.0634



94.5180, 1.2236, 27.6097

Sweetspot

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



88.2970, -13.9504, -5.5225



121.6100, -5.2307, -2.2890



79.8680, -9.7949, 15.0248



61.7780, -3.3416, -1.5593



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.



88.2970, -13.9504, -5.5225



111.5110, -21.9439, -8.3411



82.9150, -11.2971, -16.5885



46.9460, -1.4524, -0.8296



85.7770, -42.2881, -16.4674



183.6370, -90.5330, -35.6386

Inverse Universe

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



68.7030, 13.9504, 5.5225



80.7880, 21.7965, 8.9559



74.0850, 11.2971, 16.5885



45.0540, 1.4524, 0.8296



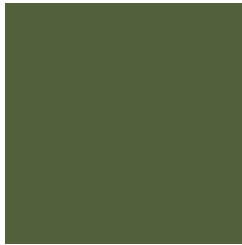
26.2230, 42.2881, 16.4674



56.3630, 90.5330, 35.6386

Previews

White Background



This preview shows how the YUV color 88.2970, -13.9504, -5.5225 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 88.2970, -13.9504, -5.5225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

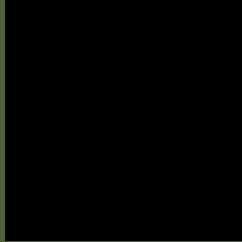
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.2970, -13.9504, -5.5225

Background



This preview shows how black text looks on a background with the YUV color 88.2970, -13.9504, -5.5225.



This preview shows how white text looks on a background with the YUV color 88.2970, -13.9504,

-5.5225.

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

88.2970, -13.9504, -5.5225

Protanopia

90.5160, -16.0304, 8.3175

Deuteranopia

91.6140, -14.5997, 16.1245



Tritanopia

91.4170, 4.2314, -3.8737

Trichromacy



Original Color

88.2970, -13.9504, -5.5225

Protanomaly

89.7110, -15.1405, 2.8845

Deuteranomaly

90.2710, -14.4306, 8.5323

Tritanomaly

90.2830, -2.6045, -4.6332

Monochromacy



Original Color

88.2970, -13.9504, -5.5225

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0230, -4.9413, -1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.2970, -13.9504, -5.5225 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(82, 97, 60)` looks like.

```
.text, #text, p{  
    color:rgb(82, 97, 60)  
}
```

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(82, 97, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 97, 60) }
```

Border

The CSS property to change the border of an element to YUV 88.2970, -13.9504, -5.5225 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(82, 97, 60) }
```


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

```
.border{ border-color:rgb(82, 97, 60) }
```

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

Here you see how a box with a 4 pixel rgb(82, 97, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 97, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 97, 60);  
box-shadow:4px 4px 4px 4px rgb(82, 97, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.2970, -13.9504, -5.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 97, 60) }
```

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

```
.background{ background-color: rgb(82, 97,  
60) }
```

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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