

Converting Colors

YUV(88.1570, -4.5144, 48.0973)

Have a look what the booklet for
YUV(88.1570, -4.5144, 48.0973)
contains.

YUV(88.1570, -4.5144, 48.0973)	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(88.1570, -4.5144,
48.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3E4F
RGB	143, 62, 79
RGB Percent	56%, 24%, 31%
CMY	0.4392, 0.7569, 0.6902
CMYK	0.00, 0.57, 0.45, 0.44
HSL	347°, 40%, 40%
HSV	347°, 57%, 56%
XYZ	14.4616, 9.8494, 8.5360
YIQ	88.1570, 42.8190, 22.4590

Conversions

Conversions Part 2

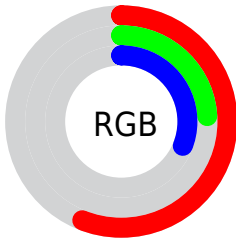
Format	Color
R_{YB}	143, 62, 79
Decimal	9387599
CIE Lab	37.57, 36.02, 6.77
CIE LCh	38, 36.650, 10.638
Yxy	9.8494, 0.4403, 0.2999
Android (android.graphics.Color)	4287577679 (0xFF8F3E4F)
YUV	88.1570, -4.5144, 48.0973
Hunter-Lab	31.3838, 27.3310, 5.8424

Details

The YUV color **88.1570, -4.5144, 48.0973** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **116.8430, 4.5144, -48.0973**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7230, -6.2724, 51.9859**, and **35.8840, -0.4358, 46.5827** is the 20% darker color. If you saturate the color by 10%, you get **78.6850, -5.2677, 56.4043**, and if you desaturate by 10%, it is **97.6290, -3.7611, 39.7904**.

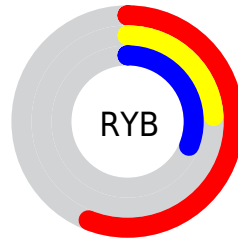
Distribution



Red (56%)

Green (24%)

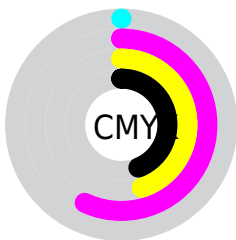
Blue (31%)



Red (56%)

Yellow (24%)

Blue (31%)

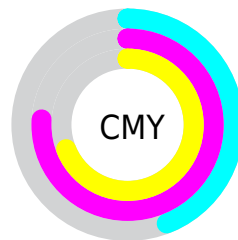


Cyan (0%)

Magenta (57%)

Yellow (45%)

Black (44%)



Cyan (44%)

Magenta (76%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1570, -4.5144, 48.0973 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 88.1570, -4.5144, 48.0973 by changing the saturation by 10% instead.

88.1570, -4.5144,
48.0973

88.1570, -4.5144,
48.0973

255.0000, 0.0000,
0.0000

62.7870, -3.3460,
46.6678

140.7230, -6.2724,
51.9859

35.8840, -0.4358,
46.5827

167.6200, -6.7147,
53.8303

20.3190, -3.6083,
37.4312

194.3210, -6.5673,
53.2155

11.7750, -5.3121,
23.8763

213.8350, -2.8767,
36.1017

0.0000, 0.0000,
0.0000

233.4630, 1.2507,
18.8879

252.6520, 1.1576,

2.0592

■ 88.1570, -4.5144,
48.0973

■ 88.1570, -4.5144,
48.0973

■ 78.6850, -5.2677,
56.4043

■ 97.6290, -3.7611,
39.7904

■ 68.5120, -6.1684,
65.3260

■ 107.8020, -2.8604,
30.8686

■ 59.0400, -6.9217,
73.6329

■ 117.2740, -2.1071,
22.5617

■ 49.5680, -7.6750,
81.9399

■ 126.7460, -1.3538,
14.2548

■ 46.1770, -7.9753,
84.9138

■ 136.8050, -0.8899,
5.4330

■ 146.3910, 0.3002,
-2.9739

■ 155.8630, 1.0535,
-11.2809

■ 165.3350, 1.8068,
-19.5878

■ 175.5080, 2.7076,
-28.5095

Harmonies

Analogous

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



90.0490, 9.3428, 36.7910



88.1570, -4.5144, 48.0973



87.5790, -18.0334, 44.2192

Triad

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



88.1570, -4.5144, 48.0973



81.0370, -19.7382, -15.8184



73.3550, 34.8280, -64.3323

Complementary

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



88.1570, -4.5144, 48.0973



116.8430, 4.5144, -48.0973

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.



74.2380, 25.5187, -65.1067



88.1570, -4.5144, 48.0973



67.6260, 0.1844, -59.3080

Square

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



88.1570, -4.5144, 48.0973



84.1990, -28.6921, 9.4725



71.6330, 12.9989, -62.8221



84.2610, 30.9303, -27.4159

Rectangle

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



88.1570, -4.5144, 48.0973



86.8030, -24.5529, 35.2528



71.6330, 12.9989, -62.8221



74.0730, 32.5020, -64.9620

Sweetspot

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



88.1570, -4.5144, 48.0973



164.9530, -1.9488, 18.4582



90.0710, 26.0940, 30.6327



81.1370, -1.0535, 11.2809



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



88.1570, -4.5144, 48.0973



100.6380, -7.2165, 74.8625



99.7200, -18.5960, 37.9566



66.3210, -0.1583, 4.1035



43.5570, -7.6696, 80.1955



2.6200, -0.3057, 4.7183

Inverse Universe

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



88.1570, -4.5144, 48.0973



100.6380, -7.2165, 74.8625



105.2800, 18.5960, -37.9566



66.3210, -0.1583, 4.1035



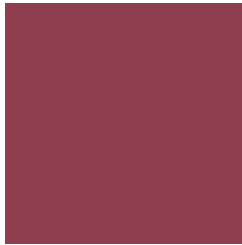
43.5570, -7.6696, 80.1955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 88.1570, -4.5144, 48.0973 looks on a white background.

Color Contrast Check

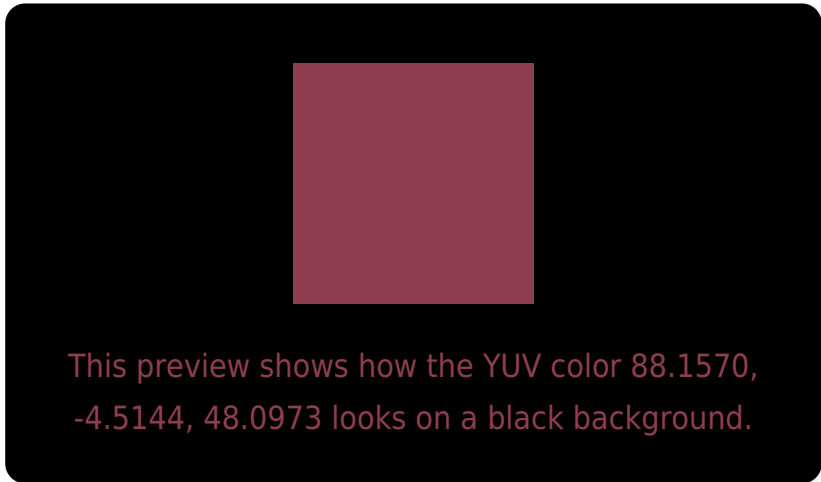
Large Text (above 18pt) WCAG AA ✓ Pass

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

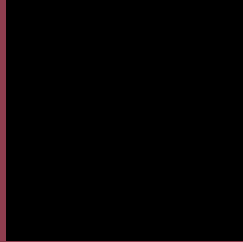
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1570, -4.5144, 48.0973

Background



This preview shows how black text looks on a background with the YUV color 88.1570, -4.5144, 48.0973.



This preview shows how white text looks on a background with the YUV color 88.1570, -4.5144,

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

88.1570, -4.5144, 48.0973

Protanopia

89.4560, 1.7472, -0.3999

Deuteranopia

89.8290, -7.3107, 11.5510



Tritanopia

87.7780, -9.7506, 47.5527

Trichromacy



Original Color

88.1570, -4.5144, 48.0973

Protanomaly

88.9960, -0.4910, 17.5435

Deuteranomaly

89.1450, -6.4805, 25.3058

Tritanomaly

87.6470, -7.7140, 47.6676

Monochromacy



Original Color

88.1570, -4.5144, 48.0973

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3550, -1.6540, 17.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1570, -4.5144, 48.0973 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(143, 62, 79)` looks like.

```
.text, #text, p{  
    color:rgb(143, 62, 79)  
}
```

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(143, 62, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 62, 79) }
```

Border

The CSS property to change the border of an element to YUV 88.1570, -4.5144, 48.0973 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(143, 62, 79) }
```


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

```
.border{ border-color:rgb(143, 62, 79) }
```

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

Here you see how a box with a 4 pixel rgb(143, 62, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 62, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 62, 79);  
box-shadow:4px 4px 4px 4px rgb(143, 62,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 88.1570, -4.5144, 48.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 62, 79) }
```

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

```
.background{ background-color: rgb(143, 62,  
79) }
```

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