

Converting Colors

YUV(90.6850, -8.7187, 43.2493)

Have a look what the booklet for
YUV(90.6850, -8.7187, 43.2493)
contains.

YUV(90.6850, -8.7187, 43.2493)	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(90.6850, -8.7187,
43.2493)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4549
RGB	140, 69, 73
RGB Percent	55%, 27%, 29%
CMY	0.4510, 0.7294, 0.7137
CMYK	0.00, 0.51, 0.48, 0.45
HSL	357°, 34%, 41%
HSV	357°, 51%, 55%
XYZ	14.1459, 10.3127, 7.5483
YIQ	90.6850, 41.0320, 16.2960

Conversions

Conversions Part 2

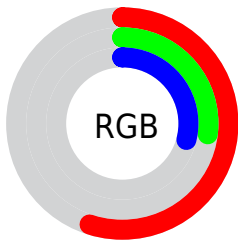
Format	Color
R_{YB}	140, 69, 73
Decimal	9192777
CIE _{Lab}	38.40, 30.50, 11.63
CIE _{LCh}	38, 32.641, 20.873
Yxy	10.3127, 0.4420, 0.3222
Android (android.graphics.Color)	4287382857 (0xFF8C4549)
YUV	90.6850, -8.7187, 43.2493
Hunter-Lab	32.1134, 22.4305, 8.5432

Details

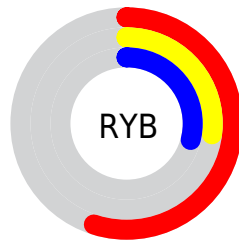
The YUV color **90.6850, -8.7187, 43.2493** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **118.3150, 8.7187, -43.2493**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2510, -10.4767, 47.1379**, and **41.4610, -5.6503, 39.0607** is the 20% darker color. If you saturate the color by 10%, you get **80.9850, -10.3456, 51.7562**, and if you desaturate by 10%, it is **100.3850, -7.0918, 34.7424**.

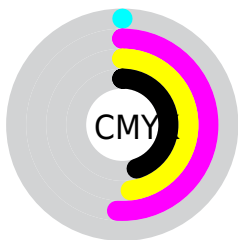
Distribution



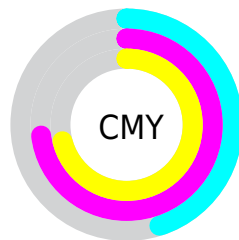
- Red (55%)
- Green (27%)
- Blue (29%)



- Red (55%)
- Yellow (27%)
- Blue (29%)



- Cyan (0%)
- Magenta (51%)
- Yellow (48%)
- Black (45%)



- Cyan (45%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6850, -8.7187, 43.2493 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 90.6850, -8.7187, 43.2493 by changing the saturation by 10% instead.

■ 90.6850, -8.7187,
43.2493

■ 90.6850, -8.7187,
43.2493

255.0000, 0.0000,
0.0000

■ 66.0160, -7.4029,
41.2050

■ 142.2510,
-10.4767, 47.1379

■ 41.4610, -5.6503,
39.0607

■ 169.1480,
-10.9190, 48.9822

■ 18.6950, -7.2446,
37.1015

■ 197.0450,
-11.3612, 50.8265

■ 11.1770, -5.0173,
22.6468

■ 216.5590, -7.6706,
33.7128

■ 0.0000, 0.0000,
0.0000

■ 236.1870, -3.5432,
16.4990

90.6850, -8.7187,
43.2493

90.6850, -8.7187,
43.2493

80.9850, -10.3456,
51.7562

100.3850, -7.0918,
34.7424

71.2850, -11.9725,
60.2631

110.0850, -5.4649,
26.2355

61.4710, -14.0362,
68.8699

119.8990, -3.4012,
17.6286

51.7710, -15.6631,
77.3768

129.5990, -1.7743,
9.1217

42.7720, -17.1426,
85.2690

139.2990, -0.1474,
0.6148

148.9990, 1.4795,
-7.8921

158.6990, 3.1064,
-16.3990

168.5130, 5.1701,

-25.0059

■ 178.2130, 6.7970,
-33.5128

Harmonies

Analogous

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



92.2680, 3.8119, 37.4760



90.6850, -8.7187, 43.2493



89.4810, -19.4641, 36.4122

Triad

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



90.6850, -8.7187, 43.2493



82.1270, -12.8806, -22.0364



75.2310, 32.9171, -58.0846

Complementary

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



90.6850, -8.7187, 43.2493



118.3150, 8.7187, -43.2493

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.



74.2210, 27.9920, -65.0918



90.6850, -8.7187, 43.2493



69.6950, 5.5734, -61.1225

Square

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



90.6850, -8.7187, 43.2493



86.5230, -23.4288, 1.2953



73.3600, 17.0775, -64.3367



90.6500, 24.3295, -10.2171

Rectangle

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



90.6850, -8.7187, 43.2493



89.1610, -24.2364, 27.0458



73.3600, 17.0775, -64.3367



73.4860, 32.7914, -64.4472

Sweetspot

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



90.6850, -8.7187, 43.2493



162.1870, -3.5432, 16.4990



96.8280, 21.2838, 33.4768



80.1970, -2.0691, 10.3512



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



90.6850, -8.7187, 43.2493



104.5740, -13.5940, 67.0256



108.4260, -19.4370, 27.6904



64.0930, -1.0318, 4.3034



40.5650, -16.5475, 81.0655



1.4950, -0.7370, 3.0739

Inverse Universe

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



90.6850, -8.7187, 43.2493



104.5740, -13.5940, 67.0256



100.5740, 19.4370, -27.6904



64.0930, -1.0318, 4.3034



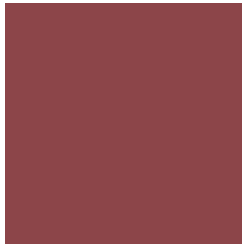
40.5650, -16.5475, 81.0655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 90.6850, -8.7187, 43.2493 looks on a white background.

Color Contrast Check

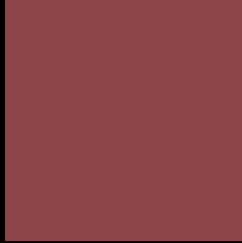
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.6850, -8.7187, 43.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

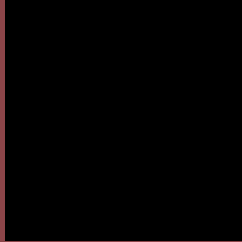
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6850, -8.7187, 43.2493

Background



This preview shows how black text looks on a background with the YUV color 90.6850, -8.7187, 43.2493.



This preview shows how white text looks on a background with the YUV color 90.6850, -8.7187,

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

90.6850, -8.7187, 43.2493

Protanopia

91.0990, -3.4998, 2.5442

Deuteranopia

91.0420, -10.3737, 13.9952



Tritanopia

90.7990, -8.2819, 43.1493

Trichromacy



Original Color

90.6850, -8.7187, 43.2493

Protanomaly

91.0300, -5.4378, 17.5137

Deuteranomaly

90.6350, -9.6801, 24.8761

Tritanomaly

90.7990, -8.2819, 43.1493

Monochromacy



Original Color

90.6850, -8.7187, 43.2493

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8880, -3.3958, 15.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6850, -8.7187, 43.2493 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(140, 69, 73)` looks like.

```
.text, #text, p{  
    color:rgb(140, 69, 73)  
}
```

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(140, 69, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 69, 73) }
```

Border

The CSS property to change the border of an element to YUV 90.6850, -8.7187, 43.2493 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(140, 69, 73) }
```


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

```
.border{ border-color:rgb(140, 69, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 69, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 69, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 69, 73);  
box-shadow:4px 4px 4px 4px rgb(140, 69,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 90.6850, -8.7187, 43.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 69, 73) }
```

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

```
.background{ background-color: rgb(140, 69,  
73) }
```

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