

Converting Colors

YUV(87.6140, -0.7957, 68.7445)

Have a look what the booklet for
YUV(87.6140, -0.7957, 68.7445)
contains.

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Color

**YUV(87.6140, -0.7957,
68.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	A63056
RGB	166, 48, 86
RGB Percent	65%, 19%, 34%
CMY	0.3490, 0.8118, 0.6627
CMYK	0.00, 0.71, 0.48, 0.35
HSL	341°, 55%, 42%
HSV	341°, 71%, 65%
XYZ	18.4626, 10.8928, 9.9335
YIQ	87.6140, 58.1300, 36.8340

Conversions

Conversions Part 2

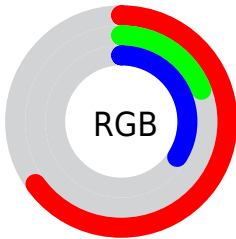
Format	Color
RYB	166, 48, 86
Decimal	10891350
CIELab	39.40, 50.78, 5.48
CIElCh	39, 51.075, 6.160
Yxy	10.8928, 0.4699, 0.2772
Android (android.graphics.Color)	4289081430 (0xFFA63056)
YUV	87.6140, -0.7957, 68.7445
Hunter-Lab	33.0042, 42.0955, 5.2580

Details

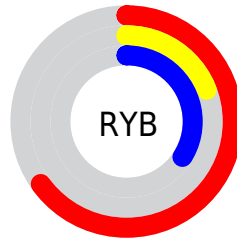
The YUV color **87.6140, -0.7957, 68.7445** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **126.3860, 0.7957, -68.7445**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1260, -4.0061, 71.8035**, and **37.2650, 1.8414, 62.9116** is the 20% darker color. If you saturate the color by 10%, you get **76.3810, -0.6808, 78.5959**, and if you desaturate by 10%, it is **98.8470, -0.9106, 58.8932**.

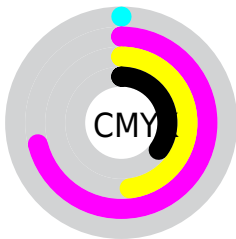
Distribution



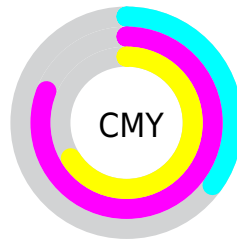
- Red (65%)
- Green (19%)
- Blue (34%)



- Red (65%)
- Yellow (19%)
- Blue (34%)



- Cyan (0%)
- Magenta (71%)
- Yellow (48%)
- Black (35%)



- Cyan (35%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6140, -0.7957, 68.7445 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 87.6140, -0.7957, 68.7445 by changing the saturation by 10% instead.

87.6140, -0.7957,
68.7445

87.6140, -0.7957,
68.7445

255.0000, 0.0000,
0.0000

56.3630, 3.2720,
70.7186

143.1260, -4.0061,
71.8035

37.2650, 1.8414,
62.9116

171.0230, -4.4483,
73.6478

26.6130, -2.7672,
47.6974

190.5370, -0.7577,
56.5341

16.9720, -7.3812,
34.2276

210.0510, 2.9329,
39.4203

3.8870, -1.9163,
7.9921

229.7930, 7.4971,
22.1065

0.0000, 0.0000,
0.0000

247.9560, 3.4727,

■ 87.6140, -0.7957,
68.7445

■ 87.6140, -0.7957,
68.7445

■ 76.3810, -0.6808,
78.5959

■ 98.8470, -0.9106,
58.8932

■ 65.6210, -1.2922,
88.0324

■ 109.6070, -0.2993,
49.4567

■ 55.6760, -1.3193,
96.7541

■ 120.8400, -0.4141,
39.6053

■ 131.4860, -0.2396,
30.2688

■ 142.7190, -0.3545,
20.4174

■ 154.0660, -0.0325,
10.4661

■ 164.7120, 0.1420,
1.1296

■ 175.9450, 0.0271,
-8.7218

■ 186.5910, 0.2016,
-18.0583

Harmonies

Analogous

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



93.0750, 16.7250, 49.0462



87.6140, -0.7957, 68.7445



88.0160, -20.7139, 64.0070

Triad

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



87.6140, -0.7957, 68.7445



80.6980, -32.3891, -18.1521



81.4880, 43.1434, -71.4650

Complementary

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



87.6140, -0.7957, 68.7445



126.3860, 0.7957, -68.7445

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.



81.2310, 29.4661, -71.2396



87.6140, -0.7957, 68.7445



71.0680, -6.9355, -62.3266

Square

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



87.6140, -0.7957, 68.7445



86.2740, -42.5331, 15.5457



77.2580, 11.7048, -67.7553



75.8290, 49.3843, -66.5020

Rectangle

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



87.6140, -0.7957, 68.7445



88.6110, -33.3322, 51.2072



77.2580, 11.7048, -67.7553



81.8640, 39.5070, -71.7947

Sweetspot

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



87.6140, -0.7957, 68.7445



186.4640, -0.2288, 26.7801



85.0730, 39.8970, 36.7700



91.3980, -0.1962, 16.3140



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



87.6140, -0.7957, 68.7445



94.7420, -1.3518, 107.2203



95.0220, -23.1818, 62.2477



78.6200, -0.3057, 4.7183



49.7240, -0.8499, 86.1881



6.7780, 0.1094, 11.5957

Inverse Universe

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



87.6140, -0.7957, 68.7445



94.7420, -1.3518, 107.2203



118.9780, 23.1818, -62.2477



78.6200, -0.3057, 4.7183



49.7240, -0.8499, 86.1881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 87.6140, -0.7957, 68.7445 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 87.6140, -0.7957, 68.7445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

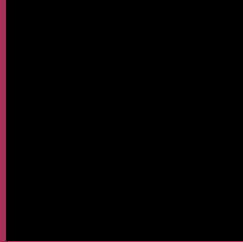
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6140, -0.7957, 68.7445

Background



This preview shows how black text looks on a background with the YUV color 87.6140, -0.7957, 68.7445.



This preview shows how white text looks on a background with the YUV color 87.6140, -0.7957,

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

87.6140, -0.7957, 68.7445

Protanopia

94.1550, 8.3046, -3.6439

Deuteranopia

94.2420, -7.0213, 12.0658



Tritanopia

87.2320, -14.9044, 67.3255

Trichromacy



Original Color

87.6140, -0.7957, 68.7445

Protanomaly

92.1090, 4.8763, 22.7064

Deuteranomaly

91.9440, -4.9024, 32.4981

Tritanomaly

87.6110, -9.6682, 67.8702

Monochromacy



Original Color

87.6140, -0.7957, 68.7445

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.4530, -0.2233, 25.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6140, -0.7957, 68.7445 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(166, 48, 86)` looks like.

```
.text, #text, p{  
    color:rgb(166, 48, 86)  
}
```

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(166, 48, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 48, 86) }
```

Border

The CSS property to change the border of an element to YUV 87.6140, -0.7957, 68.7445 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(166, 48, 86) }
```


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

```
.border{ border-color:rgb(166, 48, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 48, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 48, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 48, 86);  
box-shadow:4px 4px 4px 4px rgb(166, 48,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 87.6140, -0.7957, 68.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 48, 86) }
```

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

```
.background{ background-color: rgb(166, 48,  
86) }
```

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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