

Converting Colors

YUV(87.0860, 6.3666, 11.3256)

Have a look what the booklet for
YUV(87.0860, 6.3666, 11.3256)
contains.

YUV(87.0860, 6.3666, 11.3256)	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(87.0860, 6.3666,
11.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	644E64
RGB	100, 78, 100
RGB Percent	39%, 31%, 39%
CMY	0.6078, 0.6941, 0.6078
CMYK	0.00, 0.22, 0.00, 0.61
HSL	300°, 12%, 35%
HSV	300°, 22%, 39%
XYZ	10.2802, 9.0782, 13.2670
YIQ	87.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

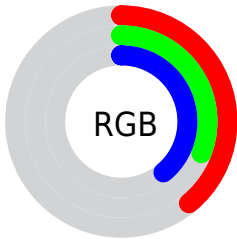
Format	Color
R_{YB}	100, 78, 100
Decimal	6573668
CIE Lab	36.13, 13.51, -9.27
CIE LCh	36, 16.381, 325.557
Yxy	9.0782, 0.3151, 0.2783
Android (android.graphics.Color)	4284763748 (0xFF644E64)
YUV	87.0860, 6.3666, 11.3256
Hunter-Lab	30.1301, 8.1754, -5.0159

Details

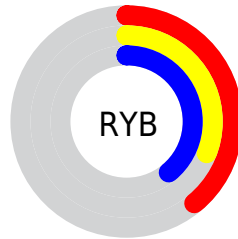
The YUV color **87.0860, 6.3666, 11.3256** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.9140, -6.3666, -11.3256**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9120, 6.9454, 12.3552**, and **41.2600, 5.7878, 10.2960** is the 20% darker color. If you saturate the color by 10%, you get **81.2160, 9.2605, 16.4736**, and if you desaturate by 10%, it is **92.9560, 3.4727, 6.1776**.

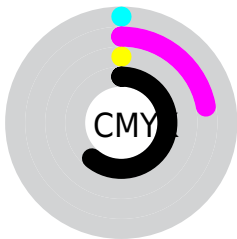
Distribution



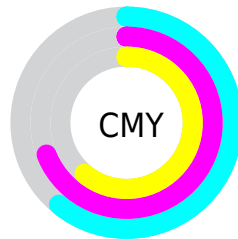
- Red (39%)
- Green (31%)
- Blue (39%)



- Red (39%)
- Yellow (31%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0860, 6.3666, 11.3256 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 87.0860, 6.3666, 11.3256 by changing the saturation by 10% instead.

■ 87.0860, 6.3666,
11.3256

■ 87.0860, 6.3666,
11.3256

■ 255.0000, 0.0000,
0.0000

■ 63.6730, 6.0772,
10.8108

■ 136.9120, 6.9454,
12.3552

■ 41.2600, 5.7878,
10.2960

■ 163.3250, 7.2348,
12.8700

■ 20.2600, 5.7878,
10.2960

■ 190.3250, 7.2348,
12.8700

■ 0.6840, 2.6208,
-0.5999

■ 218.6240, 7.0874,
13.4848

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.4984,
9.7812

87.0860, 6.3666,
11.3256

87.0860, 6.3666,
11.3256

81.2160, 9.2605,
16.4736

92.9560, 3.4727,
6.1776

75.3460, 12.1544,
21.6216

98.8260, 0.5788,
1.0296

69.4760, 15.0483,
26.7695

104.6960, -2.3151,
-4.1184

63.6060, 17.9422,
31.9175

110.5660, -5.2090,
-9.2664

57.7360, 20.8362,
37.0655

116.4360, -8.1029,
-14.4144

51.8660, 23.7301,
42.2135

122.3060,
-10.9969, -19.5624

45.9960, 26.6240,
47.3615


128.1760,
-13.8908, -24.7104

41.3000, 28.9391,

134.0460,

51.4799

-16.7847, -29.8583

 139.9160,
-19.6786, -35.0063

Harmonies

Analogous

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



85.6760, 11.4987, -1.4699



87.0860, 6.3666, 11.3256



87.1210, -0.0597, 19.1879

Triad

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



87.0860, 6.3666, 11.3256



84.1510, -12.3994, 10.3916



78.4030, 8.6753, -29.2944

Complementary

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



87.0860, 6.3666, 11.3256



90.9140, -6.3666, -11.3256

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.



79.1990, 1.3809, -22.9765



87.0860, 6.3666, 11.3256



83.4270, -11.0565, -0.3745

Square

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



87.0860, 6.3666, 11.3256



85.6620, -10.6794, 18.7134



81.7290, -5.7824, -12.0403



79.8640, 12.8850, -26.1907

Rectangle

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



87.0860, 6.3666, 11.3256



87.1060, -3.9963, 21.8320



81.7290, -5.7824, -12.0403



78.5450, 6.6333, -27.6650

Sweetspot

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



87.0860, 6.3666, 11.3256



124.7170, 2.6045, 4.6332



80.5080, 9.6096, -2.1995



63.0650, 1.4470, 2.5740



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



87.0860, 6.3666, 11.3256



110.0420, 9.8393, 17.5032



85.8320, 1.5618, 12.4253



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Inverse Universe

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



87.0860, 6.3666, 11.3256



110.0420, 9.8393, 17.5032



92.1680, -1.5618, -12.4253



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 87.0860, 6.3666, 11.3256 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 87.0860, 6.3666, 11.3256 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 87.0860, 6.3666, 11.3256

Background



This preview shows how black text looks on a background with the YUV color 87.0860, 6.3666, 11.3256.



This preview shows how white text looks on a background with the YUV color 87.0860, 6.3666,

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

87.0860, 6.3666, 11.3256

Protanopia

85.3830, 9.1782, -3.8439

Deuteranopia

86.0200, 6.3991, 0.8595



Tritanopia

86.1800, 0.4043, 10.3661

Trichromacy



Original Color

87.0860, 6.3666, 11.3256

Protanomaly

86.1880, 8.2883, 1.5891

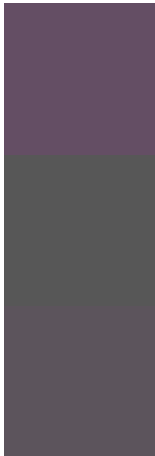
Deuteranomaly

86.3410, 6.2409, 4.9629

Tritanomaly

86.4620, 2.7302, 10.9958

Monochromacy



Original Color

87.0860, 6.3666, 11.3256

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3040, 2.3151, 4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0860, 6.3666, 11.3256 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(100, 78, 100)` looks like.

```
.text, #text, p{  
    color:rgb(100, 78, 100)  
}
```

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(100, 78, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 78, 100) }
```

Border

The CSS property to change the border of an element to YUV 87.0860, 6.3666, 11.3256 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(100, 78, 100) }
```


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

```
.border{ border-color:rgb(100, 78, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 78, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 78, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 78, 100);  
box-shadow:4px 4px 4px 4px rgb(100, 78,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 87.0860, 6.3666, 11.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 78, 100) }
```

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

```
.background{ background-color: rgb(100, 78,  
100) }
```

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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