

Converting Colors

YUV(87.3530, 8.2070, 27.7544)

Have a look what the booklet for
YUV(87.3530, 8.2070, 27.7544)
contains.

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Color

**YUV(87.3530, 8.2070,
27.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	774468
RGB	119, 68, 104
RGB Percent	47%, 27%, 41%
CMY	0.5333, 0.7333, 0.5922
CMYK	0.00, 0.43, 0.13, 0.53
HSL	318°, 27%, 37%
HSV	318°, 43%, 47%
XYZ	12.1736, 9.0557, 14.2030
YIQ	87.3530, 18.8400, 22.0080

Conversions

Conversions Part 2

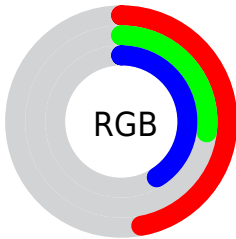
Format	Color
R_{YB}	119, 68, 104
Decimal	7816296
CIE _{Lab}	36.09, 27.51, -11.62
CIE _{LCh}	36, 29.858, 337.100
Yxy	9.0557, 0.3436, 0.2556
Android (android.graphics.Color)	4286006376 (0xFF774468)
YUV	87.3530, 8.2070, 27.7544
Hunter-Lab	30.0926, 19.5477, -6.9186

Details

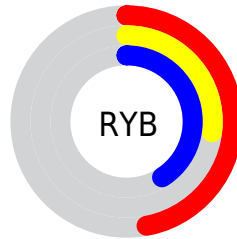
The YUV color **87.3530, 8.2070, 27.7544** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.6470, -8.2070, -27.7544**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7770, 8.4909, 30.0136**, and **40.0430, 8.3598, 25.3953** is the 20% darker color. If you saturate the color by 10%, you get **79.9670, 10.3693, 34.2319**, and if you desaturate by 10%, it is **94.7390, 6.0447, 21.2769**.

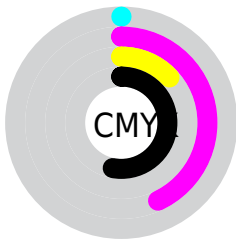
Distribution



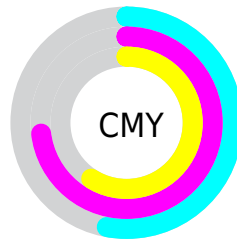
- Red (47%)
- Green (27%)
- Blue (41%)



- Red (47%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (43%)
- Yellow (13%)
- Black (53%)




- Cyan (53%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.3530, 8.2070, 27.7544 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 87.3530, 8.2070, 27.7544 by changing the saturation by 10% instead.

 87.3530, 8.2070,
27.7544


 87.3530, 8.2070,
27.7544

255.0000, 0.0000,
0.0000

 63.6410, 8.0650,
26.6248


 137.7770, 8.4909,
30.0136


 40.0430, 8.3598,
25.3953

 164.4890, 8.6329,
31.1431

 17.7440, 8.5072,
24.7805

 191.9020, 8.9223,
31.6579

 7.0490, 2.4408,
10.4810

 219.6030, 9.0697,
31.0432

 0.0000, 0.0000,
0.0000

 237.9770, 8.3923,
14.9292

■ 87.3530, 8.2070,
27.7544

■ 87.3530, 8.2070,
27.7544

■ 79.9670, 10.3693,
34.2319

■ 94.7390, 6.0447,
21.2769

■ 72.4670, 12.0948,
40.8094

■ 102.2390, 4.3192,
14.6994

■ 65.0810, 14.2571,
47.2870

■ 109.6250, 2.1569,
8.2219

■ 57.5810, 15.9826,
53.8645

■ 117.1250, 0.4314,
1.6444

■ 50.1950, 18.1449,
60.3420

■ 123.9240, -1.4415,
-4.3183

■ 45.1570, 19.1496,
64.7603

■ 131.4240, -3.1670,
-10.8958

■ 138.8100, -5.3293,
-17.3734

■ 146.3100, -7.0548,

-23.9509

■ 153.6960, -9.2171,
-30.4284

Harmonies

Analogous

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



86.7400, 17.8762, 6.3670



87.3530, 8.2070, 27.7544



86.1450, -3.0295, 38.4608

Triad

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



87.3530, 8.2070, 27.7544



82.1050, -22.7298, 10.4319



69.2340, 21.5766, -60.7182

Complementary

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



87.3530, 8.2070, 27.7544



99.6470, -8.2070, -27.7544

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.



67.1990, 11.2409, -58.9335



87.3530, 8.2070, 27.7544



79.4660, -16.9917, -10.0557

Square

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



87.3530, 8.2070, 27.7544



83.9590, -21.1788, 26.3460



74.2270, -4.5489, -34.4021



68.7100, 29.7230, -60.2587

Rectangle

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



87.3530, 8.2070, 27.7544



85.1960, -10.4496, 38.4161



74.2270, -4.5489, -34.4021



69.0230, 18.2297, -60.5332

Sweetspot

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



87.3530, 8.2070, 27.7544



142.9890, 3.4564, 11.4106



78.0000, 20.2130, 3.5080



70.9130, 2.0149, 7.0923



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.3530, 8.2070, 27.7544



106.3040, 12.6681, 43.5834



84.5030, -2.7130, 30.2539



55.2500, 0.8628, 3.2888



46.2820, 19.5810, 66.4047



94.8140, 40.0247, 136.0981

Inverse Universe

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



87.3530, 8.2070, 27.7544



106.3040, 12.6681, 43.5834



102.4970, 2.7130, -30.2539



55.2500, 0.8628, 3.2888



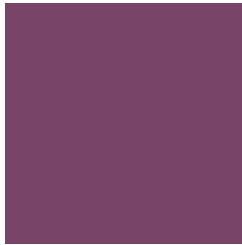
46.2820, 19.5810, 66.4047



94.8140, 40.0247, 136.0981

Previews

White Background



This preview shows how the YUV color 87.3530, 8.2070, 27.7544 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 87.3530, 8.2070, 27.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

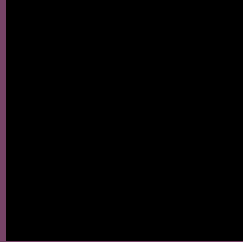
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.3530, 8.2070, 27.7544

Background



This preview shows how black text looks on a background with the YUV color 87.3530, 8.2070, 27.7544.



This preview shows how white text looks on a background with the YUV color 87.3530, 8.2070,

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

87.3530, 8.2070, 27.7544

Protanopia

85.2560, 15.1568, -8.1175

Deuteranopia

85.9490, 7.4201, 0.0447



Tritanopia

86.5410, -3.7177, 25.8355

Trichromacy



Original Color

87.3530, 8.2070, 27.7544

Protanomaly

86.0620, 12.7874, 5.2076

Deuteranomaly

86.7160, 7.5350, 9.8961

Tritanomaly

86.6920, 0.6448, 26.5801

Monochromacy



Original Color

87.3530, 8.2070, 27.7544

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3530, 8.2070, 27.7544 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(119, 68, 104)` looks like.

```
.text, #text, p{  
    color:rgb(119, 68, 104)  
}
```

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(119, 68, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 68, 104) }
```

Border

The CSS property to change the border of an element to YUV 87.3530, 8.2070, 27.7544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

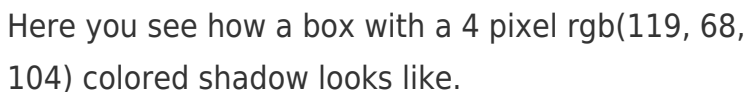
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 68, 104) }
```


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

```
.border{ border-color:rgb(119, 68, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 68, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 68, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 68, 104); box-shadow:4px 4px 4px 4px rgb(119, 68, 104) }
```

Background

The CSS property to change the background color of an element to YUV 87.3530, 8.2070, 27.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 68, 104) }
```

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

```
.background{ background-color: rgb(119, 68,  
104) }
```

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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