

Converting Colors

YUV(87.2800, 12.1870, 11.1554)

Have a look what the booklet for
YUV(87.2800, 12.1870, 11.1554)
contains.

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Color

**YUV(87.2800, 12.1870,
11.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	644C70
RGB	100, 76, 112
RGB Percent	39%, 30%, 44%
CMY	0.6078, 0.7020, 0.5608
CMYK	0.11, 0.32, 0.00, 0.56
HSL	280°, 19%, 37%
HSV	280°, 32%, 44%
XYZ	10.7646, 9.0481, 16.5083
YIQ	87.2800, 2.7480, 16.2840

Conversions

Conversions Part 2

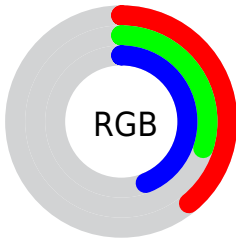
Format	Color
R_{YB}	100, 76, 112
Decimal	6573168
CIE _{Lab}	36.08, 17.44, -16.86
CIE _{LCh}	36, 24.258, 315.976
Yxy	9.0481, 0.2964, 0.2491
Android (android.graphics.Color)	4284763248 (0xFF644C70)
YUV	87.2800, 12.1870, 11.1554
Hunter-Lab	30.0800, 11.2391, -11.4832

Details

The YUV color **87.2800, 12.1870, 11.1554** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **100.7200, -12.1870, -11.1554**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2200, 13.2025, 12.0851**, and **41.3400, 11.1714, 10.2258** is the 20% darker color. If you saturate the color by 10%, you get **79.6270, 15.9599, 14.3591**, and if you desaturate by 10%, it is **94.9330, 8.4140, 7.9518**.

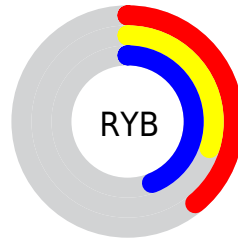
Distribution



Red (39%)

Green (30%)

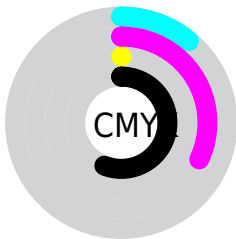
Blue (44%)



Red (39%)

Yellow (30%)

Blue (44%)

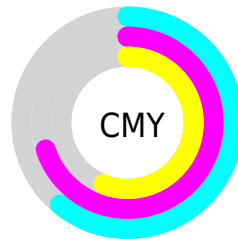


Cyan (11%)

Magenta (32%)

Yellow (0%)

Black (56%)



Cyan (61%)

Magenta (70%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.2800, 12.1870, 11.1554 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 87.2800, 12.1870, 11.1554 by changing the saturation by 10% instead.

87.2800, 12.1870,
11.1554

87.2800, 12.1870,
11.1554

255.0000, 0.0000,
0.0000

63.7530, 11.4608,
10.7406

137.2200, 13.2025,
12.0851

41.3400, 11.1714,
10.2258

163.6330, 13.4919,
12.5999

19.9270, 10.8820,
9.7110

191.0460, 13.7813,
13.1147

2.9810, 8.8834,
-2.6143

218.4590, 14.0707,
13.6295

0.0000, 0.0000,
0.0000

242.6730, 6.0772,
10.8108

87.2800, 12.1870,
11.1554

87.2800, 12.1870,
11.1554

79.6270, 15.9599,
14.3591

94.9330, 8.4140,
7.9518

72.2730, 19.5854,
18.1776

102.2870, 4.7885,
4.1333

64.0330, 23.6477,
21.8961

110.5270, 0.7262,
0.4148

56.3800, 27.4207,
25.0997

118.1800, -3.0467,
-2.7889

48.7270, 31.1936,
28.3034

125.8330, -6.8197,
-5.9925

41.3730, 34.8191,
32.1219


133.1870,
-10.4452, -9.8110

35.1930, 37.8659,
34.9107

140.8400,
-14.2181, -13.0147

149.0800,

-18.2804, -16.7332

 156.7330,
-22.0534, -19.9368

Harmonies

Analogous

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



84.4560, 18.5092, -10.0469



87.2800, 12.1870, 11.1554



87.4900, 3.7024, 25.8803

Triad

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



87.2800, 12.1870, 11.1554



84.3000, -18.3889, 18.1539



67.1930, 13.7089, -57.1743

Complementary

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



87.2800, 12.1870, 11.1554



100.7200, -12.1870, -11.1554

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.



75.9760, -0.4812, -32.4280



87.2800, 12.1870, 11.1554



82.4400, -17.4719, 3.9991

Square

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



87.2800, 12.1870, 11.1554



85.3320, -13.4747, 28.6498



79.9370, -11.3079, -13.0997



67.9460, 21.7186, -59.5886

Rectangle

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



87.2800, 12.1870, 11.1554



86.3290, -2.1342, 31.2835



79.9370, -11.3079, -13.0997



70.8800, 8.4402, -47.2528

Sweetspot

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



87.2800, 12.1870, 11.1554



135.5860, 4.6411, 4.7481



87.1480, 12.2520, -9.7768



67.8200, 3.0467, 2.7889



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



87.2800, 12.1870, 11.1554



106.4470, 19.0066, 17.1480



90.1840, 7.7973, 19.1326



51.8800, 2.0312, 1.8592



37.6000, 40.6232, 37.1848



77.4930, 83.5670, 76.7436

Inverse Universe

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



88.1320, -0.0651, 20.9322



107.9100, 0.0444, 32.5279



97.8160, -7.7973, -19.1326



52.0220, -0.0108, 3.4887



40.4400, -0.2169, 69.7741



83.2010, -0.5921, 143.6517

Previews

White Background



This preview shows how the YUV color 87.2800, 12.1870, 11.1554 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 87.2800, 12.1870, 11.1554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

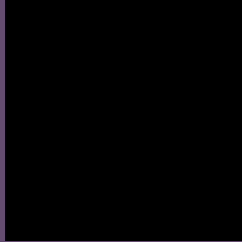
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2800, 12.1870, 11.1554

Background



This preview shows how black text looks on a background with the YUV color 87.2800, 12.1870, 11.1554.



This preview shows how white text looks on a background with the YUV color 87.2800, 12.1870,

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

87.2800, 12.1870, 11.1554

Protanopia

85.1850, 16.1778, -8.9322

Deuteranopia

85.8820, 12.3832, -5.1585



Tritanopia

86.1690, 0.4097, 8.6218

Trichromacy



Original Color

87.2800, 12.1870, 11.1554

Protanomaly

85.8870, 14.8457, -1.6549

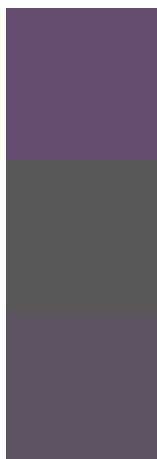
Deuteranomaly

86.2140, 12.2195, 0.6893

Tritanomaly

86.3200, 4.7722, 9.3664

Monochromacy



Original Color

87.2800, 12.1870, 11.1554

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2800, 12.1870, 11.1554 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, 76, 112)` looks like.

```
.text, #text, p{  
    color:rgb(100, 76, 112)  
}
```

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, 76, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 76, 112) }
```

Border

The CSS property to change the border of an element to YUV 87.2800, 12.1870, 11.1554 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, 76, 112) }
```


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

```
.border{ border-color:rgb(100, 76, 112) }
```

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

Here you see how a box with a 4 pixel rgb(100, 76, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 76, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 76, 112);  
box-shadow:4px 4px 4px 4px rgb(100, 76,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 87.2800, 12.1870, 11.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 76, 112) }
```

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

```
.background{ background-color: rgb(100, 76,  
112) }
```

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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