

Converting Colors

YUV(87.0360, 12.3073, 19.2624)

Have a look what the booklet for
YUV(87.0360, 12.3073, 19.2624)
contains.

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Color

**YUV(87.0360, 12.3073,
19.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4770
RGB	109, 71, 112
RGB Percent	43%, 28%, 44%
CMY	0.5725, 0.7216, 0.5608
CMYK	0.03, 0.37, 0.00, 0.56
HSL	296°, 22%, 36%
HSV	296°, 37%, 44%
XYZ	11.4845, 8.9275, 16.4471
YIQ	87.0360, 9.4870, 20.8070

Conversions

Conversions Part 2

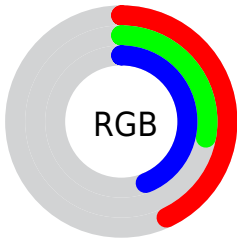
Format	Color
R_{YB}	109, 71, 112
Decimal	7161712
CIE Lab	35.84, 23.72, -17.13
CIE LCh	36, 29.258, 324.170
Yxy	8.9275, 0.3116, 0.2422
Android (android.graphics.Color)	4285351792 (0xFF6D4770)
YUV	87.0360, 12.3073, 19.2624
Hunter-Lab	29.8790, 16.3216, -11.7213




Details

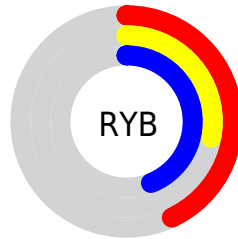
The YUV color **87.0360, 12.3073, 19.2624** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.9640, -12.3073, -19.2624**, and the grayscale version is **87.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **137.2750, 13.1754, 20.8068**, and **40.4980, 11.5865, 17.1033** is the 20% darker color. If you saturate the color by 10%, you get **80.2800, 15.6380, 24.3104**, and if you desaturate by 10%, it is **93.7920, 8.9765, 14.2144**.

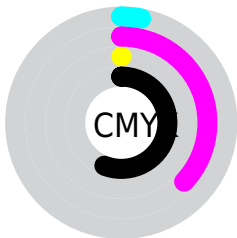
Distribution







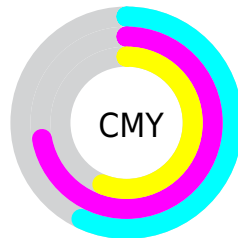
-  Red (43%)
-  Green (28%)
-  Blue (44%)






-  Red (43%)
-  Yellow (28%)
-  Blue (44%)



-  Cyan (3%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (57%)
-  Magenta (72%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0360, 12.3073, 19.2624 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 87.0360, 12.3073, 19.2624 by changing the saturation by 10% instead.

87.0360, 12.3073,
19.2624

87.0360, 12.3073,
19.2624

255.0000, 0.0000,
0.0000

63.2100, 11.7285,
18.2328

137.2750, 13.1754,
20.8068

40.4980, 11.5865,
17.1033

163.9870, 13.3174,
21.9364

17.9110, 11.8759,
17.6181

191.4000, 13.6068,
22.4512

3.5900, 8.5831,
0.3596

218.8130, 13.8962,
22.9660

0.0000, 0.0000,
0.0000

239.7380, 7.5242,
13.3848

87.0360, 12.3073,
19.2624

87.0360, 12.3073,
19.2624

80.2800, 15.6380,
24.3104

93.7920, 8.9765,
14.2144

73.5240, 18.9687,
29.3585

100.5480, 5.6458,
9.1664

66.4800, 22.4414,
35.5360

107.5920, 2.1731,
2.9888

59.7240, 25.7721,
40.5841

114.3480, -1.1576,
-2.0592

52.9680, 29.1028,
45.6321

121.1040, -4.4883,
-7.1072

46.2120, 32.4335,
50.6801


127.8600, -7.8190,
-12.1552

43.8640, 33.5910,
52.7393

134.6160,
-11.1497, -17.2032

141.9590,

-14.7698, -22.7660

 148.4160,
-17.9531, -28.4288

Harmonies

Analogous

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



85.0590, 20.6769, -5.3137



87.0360, 12.3073, 19.2624



85.7900, 2.0755, 34.3872

Triad

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



87.0360, 12.3073, 19.2624



82.2630, -22.3147, 17.3093



68.0940, 17.2087, -59.7184

Complementary

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



87.0360, 12.3073, 19.2624



95.9640, -12.3073, -19.2624

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.



65.3580, 6.7255, -57.3190



87.0360, 12.3073, 19.2624



80.4240, -19.9290, -1.2488

Square

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



87.0360, 12.3073, 19.2624



84.0890, -18.2849, 31.4939



76.8110, -10.2598, -22.6362



69.0860, 26.0866, -60.5884

Rectangle

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



87.0360, 12.3073, 19.2624



85.1620, -5.5029, 38.4459



76.8110, -10.2598, -22.6362



67.1820, 13.7143, -58.9186

Sweetspot

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



87.0360, 12.3073, 19.2624



135.3090, 4.7777, 7.6220



77.4350, 17.0405, -5.6435



67.8310, 3.0413, 4.5332



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.



87.0360, 12.3073, 19.2624



106.2360, 19.1107, 30.4880



85.9950, 4.4395, 22.8064



52.4780, 1.7363, 3.0888



46.8690, 36.0536, 56.2429



96.6290, 74.1329, 116.0894

Inverse Universe

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



83.6010, -4.7333, 24.9059



100.7060, -7.2501, 38.8458



97.0050, -4.4395, -22.8064



51.9080, -0.4476, 3.5887



36.9060, -13.7577, 72.8734



75.9050, -28.5472, 150.0503

Previews

White Background



This preview shows how the YUV color 87.0360, 12.3073, 19.2624 looks on a white background.

Color Contrast Check

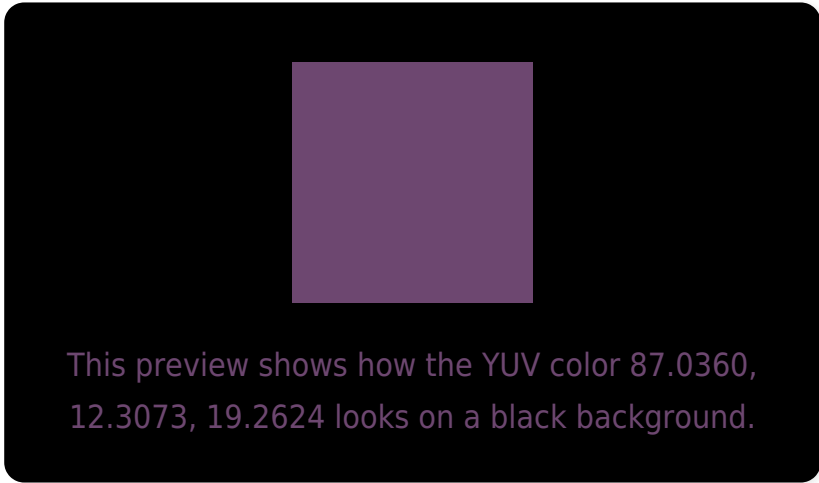
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

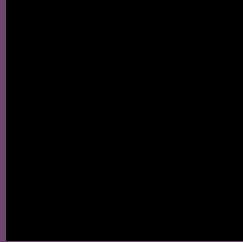
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0360, 12.3073, 19.2624

Background



This preview shows how black text looks on a background with the YUV color 87.0360, 12.3073, 19.2624.



This preview shows how white text looks on a background with the YUV color 87.0360, 12.3073,

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

87.0360, 12.3073, 19.2624

Protanopia

84.1570, 18.6566, -10.6617

Deuteranopia

84.8820, 12.3832, -5.1585



Tritanopia

86.0560, -1.5066, 16.6139

Trichromacy



Original Color

87.0360, 12.3073, 19.2624

Protanomaly

85.2400, 16.1507, -0.2105

Deuteranomaly

85.9370, 12.3561, 3.5633

Tritanomaly

86.4350, 3.7295, 17.1585

Monochromacy



Original Color

87.0360, 12.3073, 19.2624

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0360, 12.3073, 19.2624 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(109, 71, 112)` looks like.

```
.text, #text, p{  
    color:rgb(109, 71, 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(109, 71, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 71, 112) }
```

Border

The CSS property to change the border of an element to YUV 87.0360, 12.3073, 19.2624 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(109, 71, 112) }
```


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

```
.border{ border-color:rgb(109, 71, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 71, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 71, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 71, 112);  
box-shadow:4px 4px 4px 4px rgb(109, 71,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 87.0360, 12.3073, 19.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 71, 112) }
```

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

```
.background{ background-color: rgb(109, 71,  
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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