

Converting Colors

YUV(86.3640, 8.2015, 29.4988)

Have a look what the booklet for
YUV(86.3640, 8.2015, 29.4988)
contains.

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Color

**YUV(86.3640, 8.2015,
29.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	784267
RGB	120, 66, 103
RGB Percent	47%, 26%, 40%
CMY	0.5294, 0.7412, 0.5961
CMYK	0.00, 0.45, 0.14, 0.53
HSL	319°, 29%, 36%
HSV	319°, 45%, 47%
XYZ	12.1421, 8.8688, 13.9038
YIQ	86.3640, 20.3070, 22.9550

Conversions

Conversions Part 2

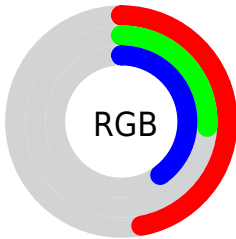
Format	Color
R_{YB}	120, 66, 103
Decimal	7881319
CIE _{Lab}	35.73, 28.84, -11.52
CIE _{LCh}	36, 31.060, 338.223
Yxy	8.8688, 0.3478, 0.2540
Android (android.graphics.Color)	4286071399 (0xFF784267)
YUV	86.3640, 8.2015, 29.4988
Hunter-Lab	29.7805, 20.6623, -6.8348

Details

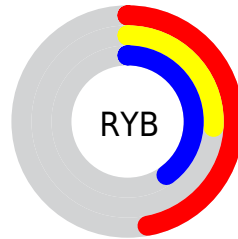
The YUV color **86.3640, 8.2015, 29.4988** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.6360, -8.2015, -29.4988**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7880, 8.4855, 31.7579**, and **38.4670, 8.6438, 27.6544** is the 20% darker color. If you saturate the color by 10%, you get **78.8640, 9.9270, 36.0763**, and if you desaturate by 10%, it is **93.8640, 6.4760, 22.9213**.

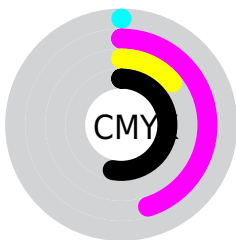
Distribution



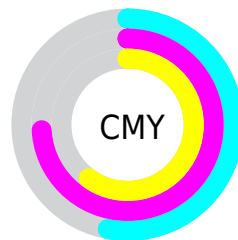
- Red (47%)
- Green (26%)
- Blue (40%)



- Red (47%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (14%)
- Black (53%)



- Cyan (53%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3640, 8.2015, 29.4988 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 86.3640, 8.2015, 29.4988 by changing the saturation by 10% instead.

86.3640, 8.2015,
29.4988

86.3640, 8.2015,
29.4988

255.0000, 0.0000,
0.0000

61.7660, 8.4964,
28.2692

136.7880, 8.4855,
31.7579

38.4670, 8.6438,
27.6544

163.5000, 8.6275,
32.8875

17.6300, 8.0704,
24.8805

191.2120, 8.7695,
34.0171

7.2340, 1.8566,
11.1958

218.3150, 9.2117,
32.1727

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

86.3640, 8.2015,
29.4988

86.3640, 8.2015,
29.4988

78.8640, 9.9270,
36.0763

93.8640, 6.4760,
22.9213

71.3640, 11.6525,
42.6538

101.3640, 4.7505,
16.3438

63.9780, 13.8148,
49.1313

108.7500, 2.5883,
9.8663

56.4780, 15.5403,
55.7088

116.2500, 0.8628,
3.2888

48.9780, 17.2658,
62.2863

123.7500, -0.8627,
-3.2887

45.2280, 18.1286,
65.5750

131.2500, -2.5882,
-9.8663

■ 138.6360, -4.7505,
-16.3438

■ 146.1360, -6.4760,
-22.9213

■ 153.6360, -8.2015,
-29.4988

Harmonies

Analogous

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



86.4520, 18.0182, 7.4966



86.3640, 8.2015, 29.4988



84.7430, -3.3243, 39.6904

Triad

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



86.3640, 8.2015, 29.4988



81.1650, -23.7453, 9.5023



69.3480, 22.0134, -60.8182

Complementary

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



86.3640, 8.2015, 29.4988



99.6360, -8.2015, -29.4988

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



86.3640, 8.2015, 29.4988



77.7540, -17.1337, -11.1853

Square

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



86.3640, 8.2015, 29.4988



82.7310, -22.0524, 26.5459



71.8460, -3.3751, -37.5759



68.8240, 30.1598, -60.3586

Rectangle

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



86.3640, 8.2015, 29.4988



84.0930, -10.8918, 40.2604



71.8460, -3.3751, -37.5759



68.5500, 18.9559, -60.1183

Sweetspot

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



86.3640, 8.2015, 29.4988



142.2880, 3.3090, 12.0254



76.9400, 21.2286, 4.4376



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.



86.3640, 8.2015, 29.4988



103.6140, 12.5153, 45.9425



83.4000, -3.1552, 32.0982



57.2500, 0.8628, 3.2887



47.1790, 19.1388, 68.2490



95.0700, 38.4195, 137.6276

Inverse Universe

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



86.3640, 8.2015, 29.4988



103.6140, 12.5153, 45.9425



102.6000, 3.1552, -32.0982



57.2500, 0.8628, 3.2887



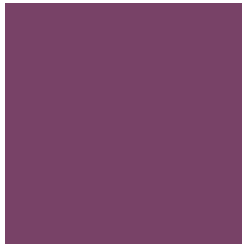
47.1790, 19.1388, 68.2490



95.0700, 38.4195, 137.6276

Previews

White Background



This preview shows how the YUV color 86.3640, 8.2015, 29.4988 looks on a white background.

Color Contrast Check

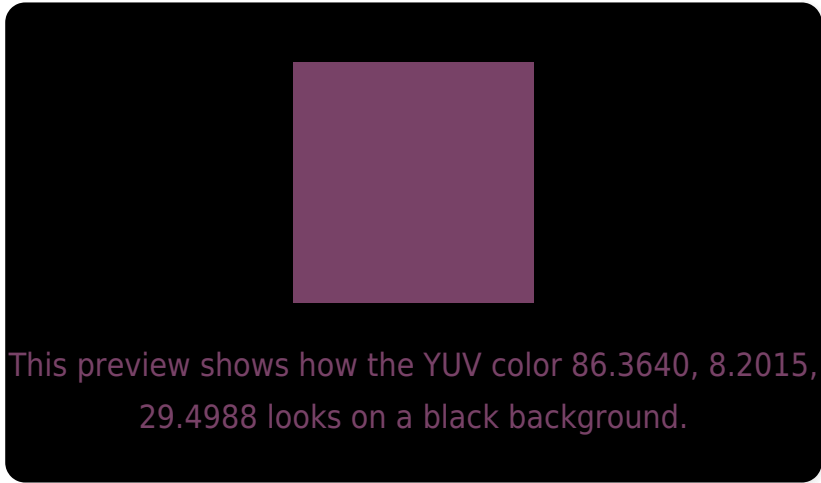
Large Text (above 18pt) WCAG AA ✓ Pass

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

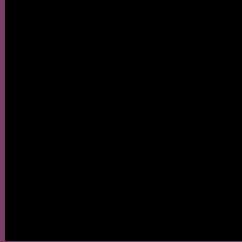
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3640, 8.2015, 29.4988

Background



This preview shows how black text looks on a background with the YUV color 86.3640, 8.2015, 29.4988.



This preview shows how white text looks on a background with the YUV color 86.3640, 8.2015,

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

86.3640, 8.2015, 29.4988

Protanopia

84.3700, 15.5936, -8.2175

Deuteranopia

85.5360, 7.1308, -0.4701



Tritanopia

85.4380, -4.1599, 27.6799

Trichromacy



Original Color

86.3640, 8.2015, 29.4988

Protanomaly

85.0620, 12.7874, 5.2076

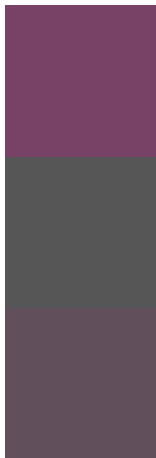
Deuteranomaly

86.0150, 7.3876, 10.5108

Tritanomaly

85.5890, 0.2026, 28.4244

Monochromacy



Original Color

86.3640, 8.2015, 29.4988

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3640, 8.2015, 29.4988 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(120, 66, 103)` looks like.

```
.text, #text, p{  
    color:rgb(120, 66, 103)  
}
```

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(120, 66, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 66, 103) }
```

Border

The CSS property to change the border of an element to YUV 86.3640, 8.2015, 29.4988 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(120, 66, 103) }
```


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

```
.border{ border-color:rgb(120, 66, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 66, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 66, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 66, 103);  
box-shadow:4px 4px 4px 4px rgb(120, 66,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 86.3640, 8.2015, 29.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 66, 103) }
```

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

```
.background{ background-color: rgb(120, 66,  
103) }
```

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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