

Converting Colors

YUV(88.4420, 16.5441, 13.6444)

Have a look what the booklet for
YUV(88.4420, 16.5441, 13.6444)
contains.

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Color

**YUV(88.4420, 16.5441,
13.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	684A7A
RGB	104, 74, 122
RGB Percent	41%, 29%, 48%
CMY	0.5922, 0.7098, 0.5216
CMYK	0.15, 0.39, 0.00, 0.52
HSL	278°, 24%, 38%
HSV	278°, 39%, 48%
XYZ	11.6706, 9.2458, 19.5819
YIQ	88.4420, 2.4720, 21.2880

Conversions

Conversions Part 2

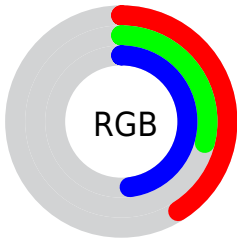
Format	Color
R_{YB}	104, 74, 122
Decimal	6834810
CIE _{Lab}	36.45, 22.42, -22.45
CIE _{LCh}	36, 31.735, 314.961
Yxy	9.2458, 0.2882, 0.2283
Android (android.graphics.Color)	4285024890 (0xFF684A7A)
YUV	88.4420, 16.5441, 13.6444
Hunter-Lab	30.4068, 15.2987, -16.8977

Details

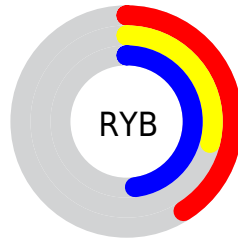
The YUV color **88.4420, 16.5441, 13.6444** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.5580, -16.5441, -13.6444**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7950, 17.8491, 15.0888**, and **42.0890, 15.2391, 12.1999** is the 20% darker color. If you saturate the color by 10%, you get **79.9030, 20.7538, 16.7481**, and if you desaturate by 10%, it is **96.9810, 12.3344, 10.5407**.

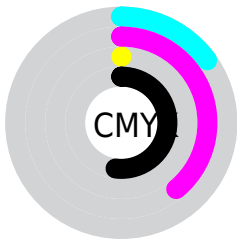
Distribution



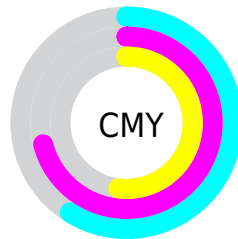
- Red (41%)
- Green (29%)
- Blue (48%)



- Red (41%)
- Yellow (29%)
- Blue (48%)



- Cyan (15%)
- Magenta (39%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4420, 16.5441, 13.6444 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 88.4420, 16.5441, 13.6444 by changing the saturation by 10% instead.

88.4420, 16.5441,
13.6444

88.4420, 16.5441,
13.6444

255.0000, 0.0000,
0.0000

64.6160, 15.9653,
12.6148

138.7950, 17.8491,
15.0888

42.0890, 15.2391,
12.1999

165.2080, 18.1385,
15.6036

19.6760, 14.9497,
11.6851

192.6210, 18.4278,
16.1184

3.3060, 12.6671,
-2.8994

220.5780, 16.9700,
17.0331

0.0000, 0.0000,
0.0000

241.4990, 6.6560,
11.8404

88.4420, 16.5441,
13.6444

88.4420, 16.5441,
13.6444

79.9030, 20.7538,
16.7481

96.9810, 12.3344,
10.5407

71.6630, 24.8161,
20.4665

105.2210, 8.2720,
6.8222

62.5370, 29.3153,
24.0851

114.3470, 3.7729,
3.2037

54.2970, 33.3776,
27.8035

122.5870, -0.2894,
-0.5148

45.7580, 37.5873,
30.9072

131.1260, -4.4991,
-3.6185

37.5180, 41.6496,
34.6257


139.3660, -8.5614,
-7.3370

36.6320, 42.0864,
34.5257

147.9050,
-12.7712, -10.4407

157.0310,

-17.2703, -14.0592

 165.2710,
-21.3326, -17.7777

Harmonies

Analogous

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



84.4320, 24.9300, -16.1649



88.4420, 16.5441, 13.6444



87.8160, 6.0067, 33.4874

Triad

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



88.4420, 16.5441, 13.6444



84.2530, -23.7887, 23.4571



69.2850, 14.1565, -60.7629

Complementary

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



88.4420, 16.5441, 13.6444



107.5580, -16.5441, -13.6444

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.



69.6210, 1.1728, -49.6566



88.4420, 16.5441, 13.6444



81.8440, -23.5871, 5.3988

Square

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



88.4420, 16.5441, 13.6444



85.1760, -16.8488, 37.5566



78.5900, -15.0809, -16.3034



70.7330, 24.7816, -62.0328

Rectangle

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



88.4420, 16.5441, 13.6444



86.6830, -2.3087, 40.6200



78.5900, -15.0809, -16.3034



68.2590, 10.2253, -59.8631

Sweetspot

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



88.4420, 16.5441, 13.6444



144.7540, 6.5303, 5.4777



90.0380, 15.7573, -14.0653



71.3470, 3.7729, 3.2037



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.



88.4420, 16.5441, 13.6444



106.1900, 25.5423, 20.8814



93.1400, 11.2700, 25.3102



56.8800, 2.0312, 1.8592



37.5720, 43.1020, 35.4554



75.9700, 86.7828, 71.9403

Inverse Universe

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



90.4040, 0.7868, 27.7097



109.3180, 1.3222, 42.6941



102.8600, -11.2700, -25.3102



57.0220, -0.0108, 3.4887



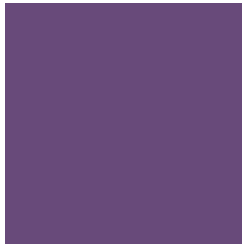
42.7330, 2.1036, 72.1482



86.1780, 4.3492, 145.4259

Previews

White Background



This preview shows how the YUV color 88.4420, 16.5441, 13.6444 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 88.4420, 16.5441, 13.6444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

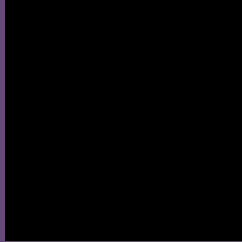
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4420, 16.5441, 13.6444

Background



This preview shows how black text looks on a background with the YUV color 88.4420, 16.5441, 13.6444.



This preview shows how white text looks on a background with the YUV color 88.4420, 16.5441,

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

88.4420, 16.5441, 13.6444

Protanopia

85.1720, 22.5932, -13.3058

Deuteranopia

86.0000, 16.7620, -9.6470



Tritanopia

87.1800, 0.4043, 10.3661

Trichromacy



Original Color

88.4420, 16.5441, 13.6444

Protanomaly

86.0700, 20.6715, -3.5694

Deuteranomaly

87.0550, 16.7349, -0.9252

Tritanomaly

87.3850, 6.2192, 11.9404

Monochromacy



Original Color

88.4420, 16.5441, 13.6444

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2270, 5.8041, 5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4420, 16.5441, 13.6444 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(104, 74, 122)` looks like.

```
.text, #text, p{  
    color:rgb(104, 74, 122)  
}
```

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(104, 74, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 74, 122) }
```

Border

The CSS property to change the border of an element to YUV 88.4420, 16.5441, 13.6444 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(104, 74, 122) }
```


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

```
.border{ border-color:rgb(104, 74, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 74, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 74, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 74, 122);  
box-shadow:4px 4px 4px 4px rgb(104, 74,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 88.4420, 16.5441, 13.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 74, 122) }
```

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

```
.background{ background-color: rgb(104, 74,  
122) }
```

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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