

Converting Colors

YUV(84.9260, 19.2635, 28.1289)

Have a look what the booklet for
YUV(84.9260, 19.2635, 28.1289)
contains.

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Color

**YUV(84.9260, 19.2635,
28.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	753D7C
RGB	117, 61, 124
RGB Percent	46%, 24%, 49%
CMY	0.5412, 0.7608, 0.5137
CMYK	0.06, 0.51, 0.00, 0.51
HSL	293°, 34%, 36%
HSV	293°, 51%, 49%
XYZ	12.6430, 8.5746, 20.0575
YIQ	84.9260, 13.1530, 31.4650

Conversions

Conversions Part 2

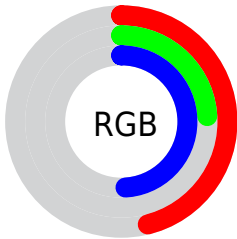
Format	Color
R_{YB}	117, 61, 124
Decimal	7683452
CIE _{Lab}	35.15, 34.75, -25.61
CIE _{LCh}	35, 43.166, 323.617
Yxy	8.5746, 0.3063, 0.2077
Android (android.graphics.Color)	4285873532 (0xFF753D7C)
YUV	84.9260, 19.2635, 28.1289
Hunter-Lab	29.2825, 25.8245, -20.1139

Details

The YUV color **84.9260, 19.2635, 28.1289** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.0740, -19.2635, -28.1289**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4640, 19.9842, 30.2881**, and **35.6270, 19.4109, 27.5141** is the 20% darker color. If you saturate the color by 10%, you get **77.5830, 22.8836, 33.6917**, and if you desaturate by 10%, it is **92.2690, 15.6434, 22.5661**.

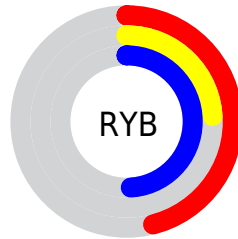
Distribution



Red (46%)

Green (24%)

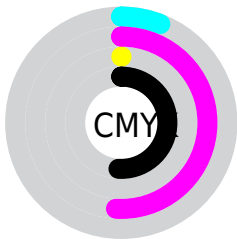
Blue (49%)



Red (46%)

Yellow (24%)

Blue (49%)

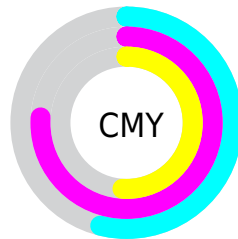


Cyan (6%)

Magenta (51%)

Yellow (0%)

Black (51%)



Cyan (54%)

Magenta (76%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9260, 19.2635, 28.1289 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 84.9260, 19.2635, 28.1289 by changing the saturation by 10% instead.

84.9260, 19.2635,
28.1289

84.9260, 19.2635,
28.1289

255.0000, 0.0000,
0.0000

60.2140, 19.1215,
26.9993

136.4640, 19.9842,
30.2881

35.6270, 19.4109,
27.5141

162.8770, 20.2736,
30.8029

18.7850, 16.3750,
21.2366

190.1160, 21.1418,
32.3473

7.9050, 10.8928,
6.2223

217.4320, 18.5210,
32.9471

0.0000, 0.0000,
0.0000

233.8680, 10.4181,
18.5328

250.8910, 2.0257,

3.6036

■ 84.9260, 19.2635,
28.1289

■ 84.9260, 19.2635,
28.1289

■ 77.5830, 22.8836,
33.6917

■ 92.2690, 15.6434,
22.5661

■ 69.3540, 26.9405,
39.1545

■ 100.4980, 11.5865,
17.1033

■ 62.0110, 30.5606,
44.7174

■ 107.8410, 7.9664,
11.5404

■ 53.7820, 34.6175,
50.1802

■ 116.0700, 3.9095,
6.0776

■ 47.0260, 37.9482,
55.2282

■ 123.4130, 0.2894,
0.5148

■ 130.7560, -3.3307,
-5.0480

■ 138.9850, -7.3876,
-10.5108

■ 146.3280,
-11.0077, -16.0737

■ 154.2580,
-14.9172, -22.1513

Harmonies

Analogous

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



82.1750, 31.4657, -12.4315



84.9260, 19.2635, 28.1289



81.1110, 5.3683, 51.6457

Triad

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



84.9260, 19.2635, 28.1289



77.7080, -37.3240, 24.8121



70.5390, 18.9613, -61.8627

Complementary

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



84.9260, 19.2635, 28.1289



100.0740, -19.2635, -28.1289

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.



65.9620, 3.9627, -57.8487



84.9260, 19.2635, 28.1289



75.0960, -32.5853, -1.8382

Square

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



84.9260, 19.2635, 28.1289



79.5160, -25.8904, 44.2745



67.6860, -14.1422, -37.4356



72.0840, 32.4966, -63.2177

Rectangle

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



84.9260, 19.2635, 28.1289



79.8700, -5.8519, 57.1190



67.6860, -14.1422, -37.4356



69.2850, 14.1565, -60.7629

Sweetspot

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



84.9260, 19.2635, 28.1289



146.0150, 7.3876, 10.5108



72.2910, 25.4925, -9.9022



72.5970, 4.6357, 6.4924



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.9260, 19.2635, 28.1289



100.1850, 29.9818, 43.6878



84.2830, 7.7485, 34.8318



57.4780, 1.7363, 3.0888



47.4390, 38.2376, 55.7430



95.7040, 77.0539, 112.5156

Inverse Universe

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



80.6350, -6.2291, 38.0311



93.5560, -9.6411, 59.1484



100.7170, -7.7485, -34.8318



56.9080, -0.4476, 3.5887



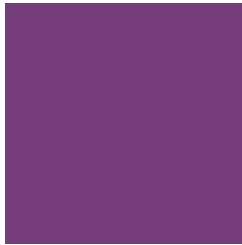
38.9710, -12.3107, 75.4474



78.5400, -24.9162, 152.1244

Previews

White Background



This preview shows how the YUV color 84.9260, 19.2635, 28.1289 looks on a white background.

Color Contrast Check

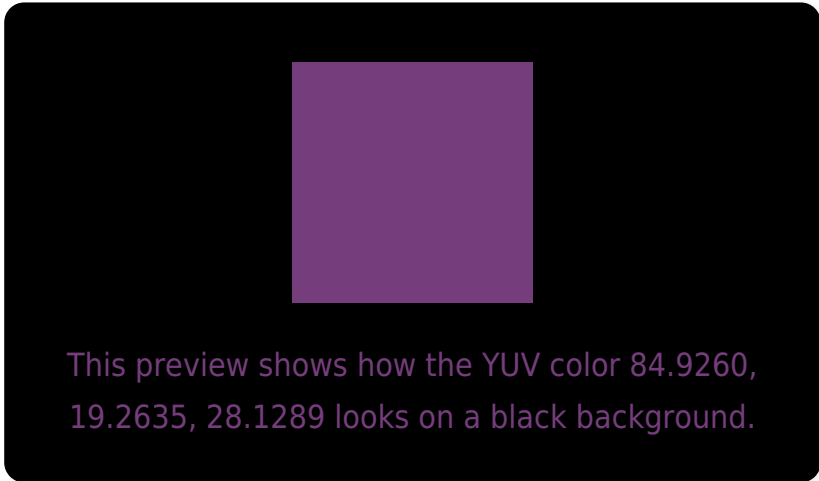
Large Text (above 18pt) WCAG AA ✓ Pass

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

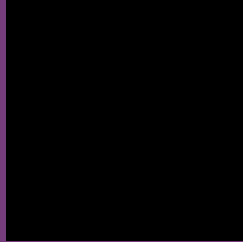
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9260, 19.2635, 28.1289

Background



This preview shows how black text looks on a background with the YUV color 84.9260, 19.2635, 28.1289.



This preview shows how white text looks on a background with the YUV color 84.9260, 19.2635,

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

84.9260, 19.2635, 28.1289

Protanopia

80.7780, 30.1824, -20.8533

Deuteranopia

82.4450, 18.5146, -11.7913



Tritanopia

84.3450, -3.1281, 23.3764

Trichromacy



Original Color

84.9260, 19.2635, 28.1289

Protanomaly

82.4490, 25.9076, -3.0248

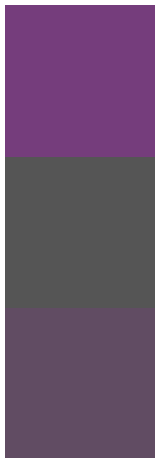
Deuteranomaly

82.9460, 18.7606, 2.6784

Tritanomaly

84.5330, 5.1602, 24.9656

Monochromacy



Original Color

84.9260, 19.2635, 28.1289

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9010, 6.9508, 10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9260, 19.2635, 28.1289 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(117, 61, 124)` looks like.

```
.text, #text, p{  
    color:rgb(117, 61, 124)  
}
```

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(117, 61, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 61, 124) }
```

Border

The CSS property to change the border of an element to YUV 84.9260, 19.2635, 28.1289 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(117, 61, 124) }
```


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

```
.border{ border-color:rgb(117, 61, 124) }
```

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

Here you see how a box with a 4 pixel rgb(117, 61, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 61, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 61, 124);  
box-shadow:4px 4px 4px 4px rgb(117, 61,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 84.9260, 19.2635, 28.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 61, 124) }
```

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

```
.background{ background-color: rgb(117, 61,  
124) }
```

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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