

Converting Colors

YUV(85.0910, 15.7311, 41.1392)

Have a look what the booklet for
YUV(85.0910, 15.7311, 41.1392)
contains.

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Color

**YUV(85.0910, 15.7311,
41.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	843775
RGB	132, 55, 117
RGB Percent	52%, 22%, 46%
CMY	0.4824, 0.7843, 0.5412
CMYK	0.00, 0.58, 0.11, 0.48
HSL	312°, 41%, 37%
HSV	312°, 58%, 52%
XYZ	14.0928, 8.9223, 17.8090
YIQ	85.0910, 25.9900, 35.6060

Conversions

Conversions Part 2

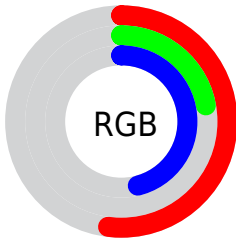
Format	Color
RYB	132, 55, 117
Decimal	8664949
CIELab	35.83, 41.22, -20.01
CIELCh	36, 45.816, 334.108
Yxy	8.9223, 0.3452, 0.2186
Android (android.graphics.Color)	4286855029 (0xFF843775)
YUV	85.0910, 15.7311, 41.1392
Hunter-Lab	29.8702, 31.9438, -14.4404

Details

The YUV color **85.0910, 15.7311, 41.1392** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.9090, -15.7311, -41.1392**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4010, 15.5783, 43.4983**, and **31.6720, 17.9097, 42.3837** is the 20% darker color. If you saturate the color by 10%, you get **77.1180, 18.1828, 48.1315**, and if you desaturate by 10%, it is **93.0640, 13.2794, 34.1469**.

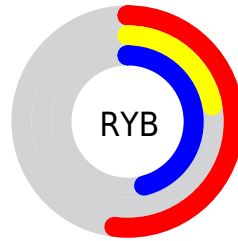
Distribution



Red (52%)

Green (22%)

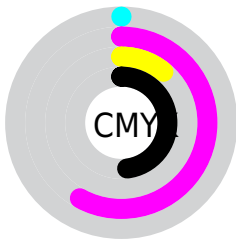
Blue (46%)



Red (52%)

Yellow (22%)

Blue (46%)

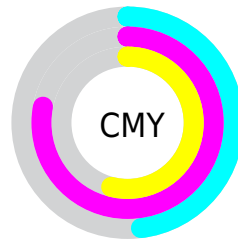


Cyan (0%)

Magenta (58%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (78%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0910, 15.7311, 41.1392 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 85.0910, 15.7311, 41.1392 by changing the saturation by 10% instead.

85.0910, 15.7311,
41.1392

85.0910, 15.7311,
41.1392

255.0000, 0.0000,
0.0000

59.2050, 16.1679,
41.0392

137.4010, 15.5783,
43.4983

31.6720, 17.9097,
42.3837

164.2270, 16.1571,
44.5279

21.6890, 11.9853,
29.2137

192.2380, 16.1517,
46.2723

12.1190, 6.3503,
16.5586

214.8560, 18.8050,
35.2063

0.0000, 0.0000,
0.0000

231.5200, 11.5756,
20.5920

248.5430, 3.1833,

5.6628

■ 85.0910, 15.7311,
41.1392

■ 85.0910, 15.7311,
41.1392

■ 77.1180, 18.1828,
48.1315

■ 93.0640, 13.2794,
34.1469

■ 69.2590, 21.0713,
55.0239

■ 100.9230, 10.3910,
27.2545

■ 60.6990, 23.8124,
62.5310

■ 109.4830, 7.6499,
19.7474

■ 52.8400, 26.7009,
69.4233

■ 117.3420, 4.7614,
12.8551

■ 51.5520, 26.8429,
70.5529

■ 125.3150, 2.3097,
5.8627

■ 133.1740, -0.5788,
-1.0296

■ 141.1470, -3.0305,
-8.0219

■ 149.7070, -5.7716,
-15.5290

■ 157.5660, -8.6600,
-22.4214

Harmonies

Analogous

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



86.0030, 29.0855, 4.3824



85.0910, 15.7311, 41.1392



80.7870, 0.1050, 59.8228

Triad

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



85.0910, 15.7311, 41.1392



78.3110, -38.6073, 16.3903



73.5370, 25.3713, -64.4919

Complementary

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



85.0910, 15.7311, 41.1392



101.9090, -15.7311, -41.1392

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.



69.3190, 9.2097, -60.7928



85.0910, 15.7311, 41.1392



74.5290, -29.3478, -13.6189

Square

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



85.0910, 15.7311, 41.1392



80.5450, -33.2997, 40.7410



63.8130, -6.8098, -55.9640



73.4520, 37.7382, -64.4174

Rectangle

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



85.0910, 15.7311, 41.1392



80.3990, -11.5357, 60.1631



63.8130, -6.8098, -55.9640



72.1690, 20.1297, -63.2922

Sweetspot

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



85.0910, 15.7311, 41.1392



152.1190, 6.3503, 16.5586



67.9640, 31.5697, 0.9086



75.3910, 3.7512, 10.1811



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



85.0910, 15.7311, 41.1392



97.9380, 24.6806, 64.0754



80.7590, -0.8672, 44.9384



62.3640, 1.2995, 3.1888



50.8400, 26.7009, 69.4233



1.1250, 0.4314, 1.6444

Inverse Universe

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



85.0910, 15.7311, 41.1392



97.9380, 24.6806, 64.0754



106.2410, 0.8672, -44.9384



62.3640, 1.2995, 3.1888



50.8400, 26.7009, 69.4233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 85.0910, 15.7311, 41.1392 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

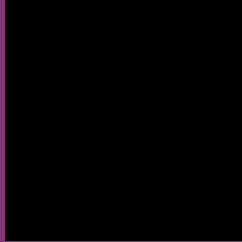
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0910, 15.7311, 41.1392

Background



This preview shows how black text looks on a background with the YUV color 85.0910, 15.7311, 41.1392.



This preview shows how white text looks on a background with the YUV color 85.0910, 15.7311,

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

85.0910, 15.7311, 41.1392

Protanopia

83.2190, 27.9930, -18.6091

Deuteranopia

85.3980, 13.1148, -6.4880



Tritanopia

85.3960, -7.0972, 36.4867

Trichromacy



Original Color

85.0910, 15.7311, 41.1392

Protanomaly

83.9120, 23.7074, 2.7082

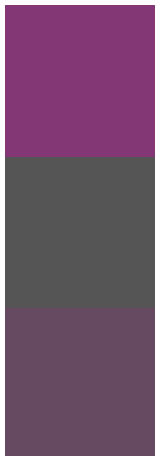
Deuteranomaly

85.1490, 14.2235, 11.2703

Tritanomaly

85.5840, 1.1911, 38.0758

Monochromacy



Original Color

85.0910, 15.7311, 41.1392

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9940, 5.9190, 14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0910, 15.7311, 41.1392 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(132, 55, 117)` looks like.

```
.text, #text, p{  
    color:rgb(132, 55, 117)  
}
```

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(132, 55, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 55, 117) }
```

Border

The CSS property to change the border of an element to YUV 85.0910, 15.7311, 41.1392 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(132, 55, 117) }
```


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

```
.border{ border-color:rgb(132, 55, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 55, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 55, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 55, 117);  
box-shadow:4px 4px 4px 4px rgb(132, 55,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 85.0910, 15.7311, 41.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 55, 117) }
```

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

```
.background{ background-color: rgb(132, 55,  
117) }
```

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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