

Converting Colors

YUV(85.1990, 18.6359, 42.7985)

Have a look what the booklet for
YUV(85.1990, 18.6359, 42.7985)
contains.

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Color

**YUV(85.1990, 18.6359,
42.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	86357B
RGB	134, 53, 123
RGB Percent	53%, 21%, 48%
CMY	0.4745, 0.7922, 0.5176
CMYK	0.00, 0.60, 0.08, 0.47
HSL	308°, 43%, 37%
HSV	308°, 60%, 53%
XYZ	14.6798, 9.0446, 19.7110
YIQ	85.1990, 25.8060, 38.9420

Conversions

Conversions Part 2

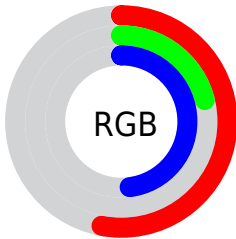
Format	Color
R_{YB}	134, 53, 123
Decimal	8795515
CIE _{Lab}	36.07, 43.83, -23.36
CIE _{LCh}	36, 49.664, 331.938
Yxy	9.0446, 0.3380, 0.2082
Android (android.graphics.Color)	4286985595 (0xFF86357B)
YUV	85.1990, 18.6359, 42.7985
Hunter-Lab	30.0742, 34.4991, -17.8073

Details

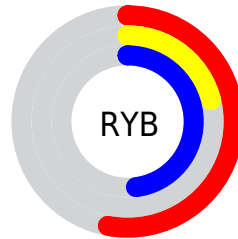
The YUV color **85.1990, 18.6359, 42.7985** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.8010, -18.6359, -42.7985**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2100, 18.6305, 44.5428**, and **32.6550, 20.3831, 42.3986** is the 20% darker color. If you saturate the color by 10%, you get **77.3400, 21.5244, 49.6908**, and if you desaturate by 10%, it is **93.0580, 15.7474, 35.9061**.

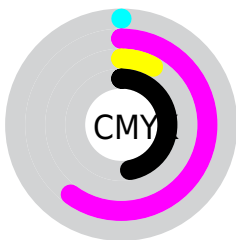
Distribution



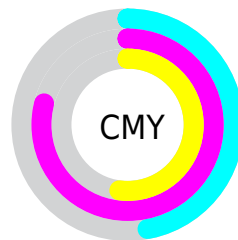
- Red (53%)
- Green (21%)
- Blue (48%)



- Red (53%)
- Yellow (21%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (8%)
- Black (47%)



- Cyan (47%)
- Magenta (79%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1990, 18.6359, 42.7985 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 85.1990, 18.6359, 42.7985 by changing the saturation by 10% instead.

85.1990, 18.6359,
42.7985

85.1990, 18.6359,
42.7985

255.0000, 0.0000,
0.0000

58.4270, 19.5095,
42.5985

138.2100, 18.6305,
44.5428

32.6550, 20.3831,
42.3986

165.2210, 18.6250,
46.2872

22.5580, 14.0219,
29.3286

192.9330, 18.7670,
47.4168

13.2870, 8.2395,
17.2883

214.4970, 19.9680,
35.5211

0.0000, 0.0000,
0.0000

230.9330, 11.8650,
21.1068

247.9560, 3.4727,

6.1776

■ 85.1990, 18.6359,
42.7985

■ 85.1990, 18.6359,
42.7985

■ 77.3400, 21.5244,
49.6908

■ 93.0580, 15.7474,
35.9061

■ 68.8940, 24.7023,
57.0980

■ 101.5040, 12.5695,
28.4990

■ 61.1490, 28.0275,
63.8903

■ 109.2490, 9.2442,
21.7066

■ 53.2900, 30.9160,
70.7827

■ 117.6950, 6.0664,
14.2995

■ 125.5540, 3.1779,
7.4071

■ 133.4130, 0.2894,
0.5148

■ 141.8590, -2.8885,
-6.8923

■ 149.7180, -5.7770,
-13.7847

■ 158.0500, -9.3916,
-21.0918

Harmonies

Analogous

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



86.0070, 33.0275, -0.0061



85.1990, 18.6359, 42.7985



79.6890, 2.1253, 65.1707

Triad

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



85.1990, 18.6359, 42.7985



79.5070, -39.1970, 18.8494



74.2380, 25.5187, -65.1067

Complementary

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



85.1990, 18.6359, 42.7985



101.8010, -18.6359, -42.7985

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.



70.2650, 7.7574, -61.6224



85.1990, 18.6359, 42.7985



73.2320, -35.6104, -11.6045

Square

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



85.1990, 18.6359, 42.7985



80.0680, -36.5155, 45.5444



63.8300, -9.2832, -55.9789



75.1960, 39.3434, -65.9469

Rectangle

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



85.1990, 18.6359, 42.7985



79.0730, -10.3890, 65.7110



63.8300, -9.2832, -55.9789



73.4570, 19.9877, -64.4218

Sweetspot

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



85.1990, 18.6359, 42.7985



154.3470, 7.2239, 16.3587



65.5230, 33.7592, -1.3357



75.5050, 4.1880, 10.0811



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.



85.1990, 18.6359, 42.7985



97.1000, 29.0377, 66.5643



80.6390, 1.1640, 46.7976



62.3640, 1.2995, 3.1888



51.6380, 29.7585, 68.7235



1.1250, 0.4314, 1.6444

Inverse Universe

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



85.1990, 18.6359, 42.7985



97.1000, 29.0377, 66.5643



106.3610, -1.1640, -46.7976



62.3640, 1.2995, 3.1888



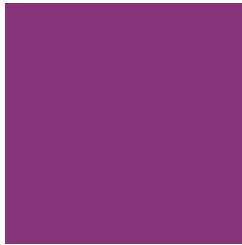
51.6380, 29.7585, 68.7235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 85.1990, 18.6359, 42.7985 looks on a white background.

Color Contrast Check

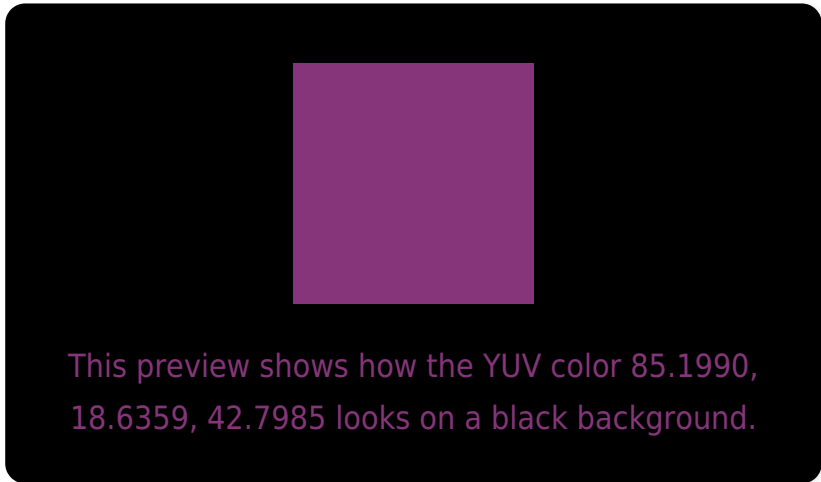
Large Text (above 18pt) WCAG AA ✓ Pass

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

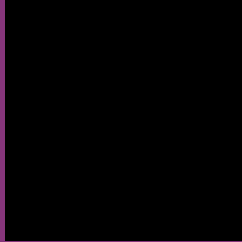
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1990, 18.6359, 42.7985

Background



This preview shows how black text looks on a background with the YUV color 85.1990, 18.6359, 42.7985.



This preview shows how white text looks on a background with the YUV color 85.1990, 18.6359,

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

85.1990, 18.6359, 42.7985

Protanopia

83.0380, 32.5193, -23.7123

Deuteranopia

85.7720, 15.8884, -9.4470



Tritanopia

85.8090, -6.8078, 37.0015

Trichromacy



Original Color

85.1990, 18.6359, 42.7985

Protanomaly

83.9270, 27.6440, 0.0640

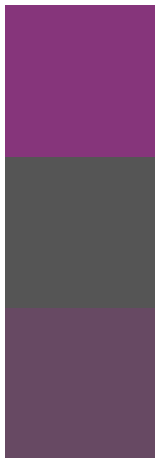
Deuteranomaly

85.2350, 17.1391, 9.4409

Tritanomaly

85.6380, 2.6435, 38.9055

Monochromacy



Original Color

85.1990, 18.6359, 42.7985

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9340, 6.9345, 15.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1990, 18.6359, 42.7985 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(134, 53, 123)` looks like.

```
.text, #text, p{  
  color:rgb(134, 53, 123)  
}
```

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(134, 53, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 53, 123) }
```

Border

The CSS property to change the border of an element to YUV 85.1990, 18.6359, 42.7985 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(134, 53, 123) }
```


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

```
.border{ border-color:rgb(134, 53, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 53, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 53, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 53, 123);  
box-shadow:4px 4px 4px 4px rgb(134, 53,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 85.1990, 18.6359, 42.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 53, 123) }
```

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

```
.background{ background-color: rgb(134, 53,  
123) }
```

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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