

Converting Colors

YUV(58.0330, 37.4517, 74.5161)

Have a look what the booklet for
YUV(58.0330, 37.4517, 74.5161)
contains.

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Color

**YUV(58.0330, 37.4517,
74.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0086
RGB	143, 0, 134
RGB Percent	56%, 0%, 53%
CMY	0.4392, 1.0000, 0.4745
CMYK	0.00, 1.00, 0.06, 0.44
HSL	304°, 100%, 28%
HSV	304°, 100%, 56%
XYZ	15.6308, 7.5609, 23.1898
YIQ	58.0330, 42.2140, 71.9900

Conversions

Conversions Part 2

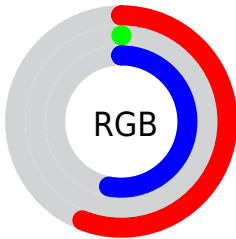
Format	Color
R_{YB}	143, 0, 134
Decimal	9371782
CIE _{Lab}	33.05, 62.51, -34.87
CIE _{LCh}	33, 71.577, 330.848
Yxy	7.5609, 0.3370, 0.1630
Android (android.graphics.Color)	4287561862 (0xFF8F0086)
YUV	58.0330, 37.4517, 74.5161
Hunter-Lab	27.4970, 53.3490, -30.7547

Details

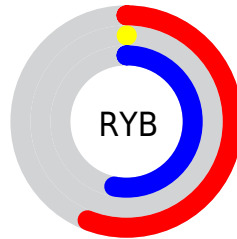
The YUV color **58.0330, 37.4517, 74.5161** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **84.9670, -37.4517, -74.5161**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8440, 30.6429, 65.0348**, and **35.8880, 23.7192, 45.7022** is the 20% darker color. If you saturate the color by 10%, you get **58.0330, 37.4517, 74.5161**, and if you desaturate by 10%, it is **66.3650, 33.8371, 67.2089**.

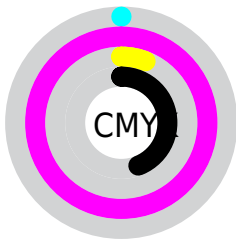
Distribution



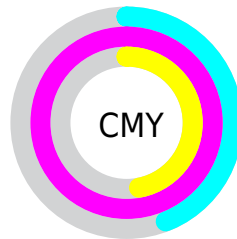
- Red (56%)
- Green (0%)
- Blue (53%)



- Red (56%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0330, 37.4517, 74.5161 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 58.0330, 37.4517, 74.5161 by changing the saturation by 10% instead.

■ 58.0330, 37.4517,
74.5161

■ 58.0330, 37.4517,
74.5161

■ 255.0000, 0.0000,
0.0000

■ 46.6970, 30.2224,
59.9017

■ 125.8440, 30.6429,
65.0348

■ 35.8880, 23.7192,
45.7022

■ 154.4420, 30.3481,
66.2644

■ 25.3780, 17.0686,
32.1175

■ 181.5450, 30.7903,
64.4200

■ 14.7970, 11.4391,
17.7180

■ 199.2350, 27.4921,
48.9059

■ 2.0690, 5.3890,
-1.8145

■ 216.2580, 19.0998,
33.9767

■ 0.0000, 0.0000,
0.0000

■ 233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

58.0330, 37.4517,
74.5161

66.3650, 33.8371,
67.2089

75.2840, 29.9330,
59.3869

83.6160, 26.3183,
52.0798

91.9480, 22.7036,
44.7726

100.7530, 18.3628,
37.0506

■ 109.0850, 14.7481,
29.7435

■ 117.4170, 11.1334,
22.4363

■ 125.7490, 7.5187,
15.1291

■ 134.6680, 3.6147,
7.3072

Harmonies

Analogous

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



74.5230, 50.5212, -10.9827



58.0330, 37.4517, 74.5161



59.8360, 9.4479, 96.6138

Triad

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



58.0330, 37.4517, 74.5161



73.3050, -36.1394, 18.1495



74.0900, 30.0286, -64.9769

Complementary

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



58.0330, 37.4517, 74.5161



84.9670, -37.4517, -74.5161

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.



67.0050, 5.4205, -58.7634



58.0330, 37.4517, 74.5161



62.6970, -30.9096, -26.0443

Square

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



58.0330, 37.4517, 74.5161



70.3130, -34.6643, 58.4845



57.7200, -22.5400, -50.6204



77.2310, 49.6791, -67.7316

Rectangle

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



58.0330, 37.4517, 74.5161



55.6180, -6.7137, 100.3130



57.7200, -22.5400, -50.6204



72.0380, 22.1663, -63.1773

Sweetspot

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



58.0330, 37.4517, 74.5161



152.7860, 14.8955, 29.1287



18.3950, 61.4303, -9.9934



73.8140, 8.9657, 17.7031



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



58.0330, 37.4517, 74.5161



75.4500, 48.5851, 96.9523



50.0530, 6.8759, 81.5145



66.8910, 2.0257, 3.6036



54.8430, 35.5734, 70.2977



3.1900, 1.8783, 4.2184

Inverse Universe

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



58.0330, 37.4517, 74.5161



75.4500, 48.5851, 96.9523



92.9470, -6.8759, -81.5145



66.8910, 2.0257, 3.6036



54.8430, 35.5734, 70.2977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 58.0330, 37.4517, 74.5161 looks on a white background.

Color Contrast Check

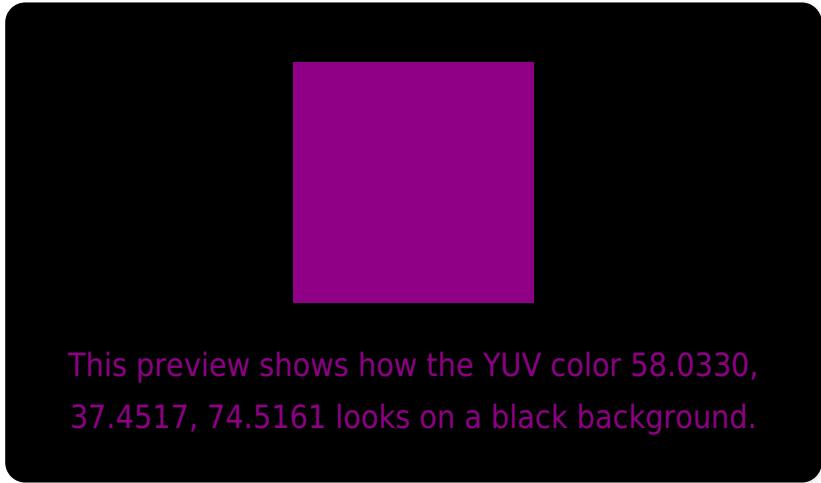
Large Text (above 18pt) WCAG AA ✓ Pass

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

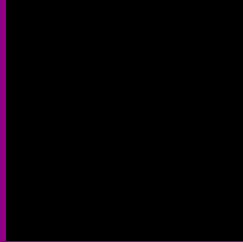
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0330, 37.4517, 74.5161

Background



This preview shows how black text looks on a background with the YUV color 58.0330, 37.4517, 74.5161.



This preview shows how white text looks on a background with the YUV color 58.0330, 37.4517,

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



Protanopia

64.5960, 49.4992, -56.6507

Deuteranopia

78.9540, 23.1937, -19.2537

Tritanopia

77.8600, -10.7770, 50.1118

Trichromacy



Protanomaly

62.4540, 45.1322, -9.1682

Deuteranomaly

71.5420, 28.3268, 14.4337

Tritanomaly

70.7960, 6.5096, 58.9379

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1340, 13.7379, 27.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0330, 37.4517, 74.5161 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(143, 0, 134)` looks like.

```
.text, #text, p{  
  color:rgb(143, 0, 134)  
}
```

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(143, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 134) }
```

Border

The CSS property to change the border of an element to YUV 58.0330, 37.4517, 74.5161 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(143, 0, 134) }
```

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

```
.border{ border-color:rgb(143, 0, 134) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
134) }
```


Background

The CSS property to change the background color of an element to YUV 58.0330, 37.4517, 74.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 134) }
```

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

```
.background{ background-color: rgb(143, 0,  
134) }
```

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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