

Converting Colors

YUV(58.0610, 34.9729, 76.2455)

Have a look what the booklet for
YUV(58.0610, 34.9729, 76.2455)
contains.

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Color

**YUV(58.0610, 34.9729,
76.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	910081
RGB	145, 0, 129
RGB Percent	57%, 0%, 51%
CMY	0.4314, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.11, 0.43
HSL	307°, 100%, 28%
HSV	307°, 100%, 57%
XYZ	15.6395, 7.6047, 21.4124
YIQ	58.0610, 45.0110, 70.8590

Conversions

Conversions Part 2

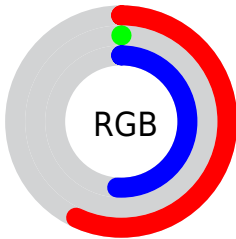
Format	Color
RYB	145, 0, 129
Decimal	9502849
CIELab	33.15, 62.15, -31.57
CIElCh	33, 69.712, 333.071
Yxy	7.6047, 0.3502, 0.1703
Android (android.graphics.Color)	4287692929 (0xFF910081)
YUV	58.0610, 34.9729, 76.2455
Hunter-Lab	27.5767, 52.9732, -26.7332

Details

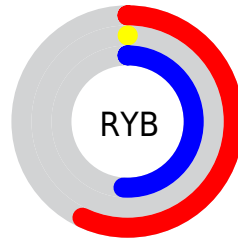
The YUV color **58.0610, 34.9729, 76.2455** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **86.9390, -34.9729, -76.2455**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7580, 27.7273, 66.8642**, and **35.9160, 21.2404, 47.4317** is the 20% darker color. If you saturate the color by 10%, you get **58.0610, 34.9729, 76.2455**, and if you desaturate by 10%, it is **66.5070, 31.7950, 68.8384**.

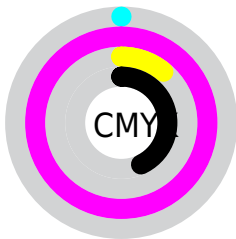
Distribution



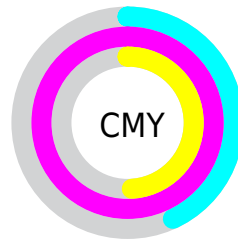
- Red (57%)
- Green (0%)
- Blue (51%)



- Red (57%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (43%)



- Cyan (43%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0610, 34.9729, 76.2455 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 58.0610, 34.9729, 76.2455 by changing the saturation by 10% instead.

■ 58.0610, 34.9729,
76.2455

■ 58.0610, 34.9729,
76.2455

■ 255.0000, 0.0000,
0.0000

■ 46.8390, 28.1804,
61.5312

■ 125.7580, 27.7273,
66.8642

■ 35.9160, 21.2404,
47.4317

■ 154.3560, 27.4325,
68.0938

■ 25.5200, 15.0266,
33.7470

■ 180.9750, 28.6063,
64.9199

■ 14.9390, 9.3971,
19.3475

■ 199.8220, 27.2028,
48.3911

■ 0.6840, 2.6208,
-0.5999

■ 216.2580, 19.0998,
33.9767

■ 0.0000, 0.0000,
0.0000

■ 233.2810, 10.7075,

19.0476

250.8910, 2.0257,
3.6036

58.0610, 34.9729,
76.2455

66.5070, 31.7950,
68.8384

75.4260, 27.8910,
61.0164

84.4590, 24.4237,
53.0945

92.7910, 20.8090,
45.7873

101.8240, 17.3418,
37.8654

■ 110.2700, 14.1639,
30.4582

■ 119.1890, 10.2598,
22.6362

■ 127.6350, 7.0819,
15.2291

■ 136.5540, 3.1779,
7.4071

Harmonies

Analogous

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



76.3670, 47.1471, -2.0759



58.0610, 34.9729, 76.2455



59.0810, 7.8481, 96.3990

Triad

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



58.0610, 34.9729, 76.2455



72.9950, -35.9865, 15.7904



74.4320, 31.3390, -65.2769

Complementary

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



58.0610, 34.9729, 76.2455



86.9390, -34.9729, -76.2455

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.



67.4610, 7.1677, -59.1633



58.0610, 34.9729, 76.2455



62.0880, -30.6094, -29.0182

Square

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



58.0610, 34.9729, 76.2455



71.7640, -35.3797, 54.5810



59.3330, -18.8982, -52.0350



76.6440, 49.9685, -67.2168

Rectangle

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



58.0610, 34.9729, 76.2455



54.3790, -7.5818, 98.7686



59.3330, -18.8982, -52.0350



72.3800, 23.4767, -63.4773

Sweetspot

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



58.0610, 34.9729, 76.2455



154.7430, 13.4377, 30.0434



20.7160, 61.2720, -5.8899



73.7000, 8.5289, 17.8031



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.



58.0610, 34.9729, 76.2455



75.6630, 45.5221, 99.3965



49.9670, 3.9603, 83.3439



66.8910, 2.0257, 3.6036



54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184

Inverse Universe

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



58.0610, 34.9729, 76.2455



75.6630, 45.5221, 99.3965



95.0330, -3.9603, -83.3439



66.8910, 2.0257, 3.6036



54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 58.0610, 34.9729, 76.2455 looks on a white background.

Color Contrast Check

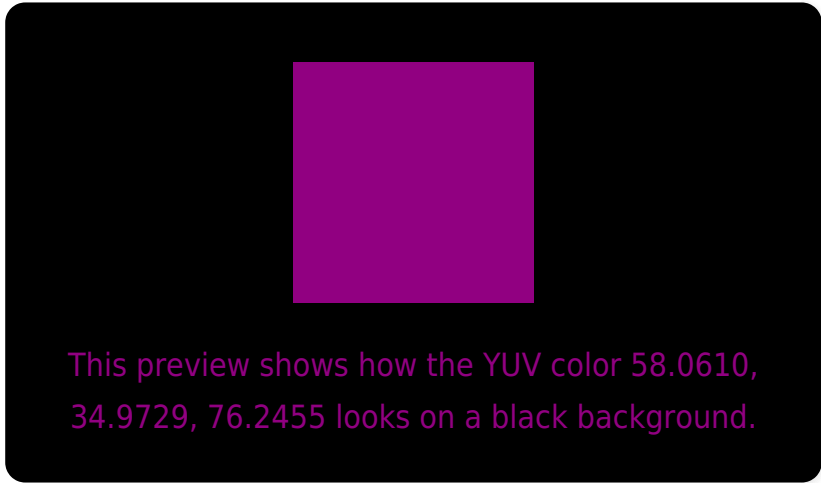
Large Text (above 18pt) WCAG AA ✓ Pass

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

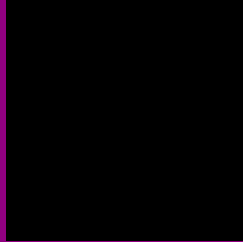
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0610, 34.9729, 76.2455

Background



This preview shows how black text looks on a background with the YUV color 58.0610, 34.9729, 76.2455.



This preview shows how white text looks on a background with the YUV color 58.0610, 34.9729,

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

64.7100, 49.9360, -56.7507

Deuteranopia

80.1780, 20.1252, -15.0651

Tritanopia

77.3550, -11.5140, 53.1857

Trichromacy



Protanomaly

62.6390, 44.5480, -8.4534

Deuteranomaly

72.4670, 25.4058, 18.0074

Tritanomaly

70.1770, 5.3357, 62.1118

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2050, 12.7169, 27.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0610, 34.9729, 76.2455 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(145, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 129)  
}
```

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(145, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 129) }
```

Border

The CSS property to change the border of an element to YUV 58.0610, 34.9729, 76.2455 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(145, 0, 129) }
```

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

```
.border{ border-color:rgb(145, 0, 129) }
```

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

Here you see how a box with a 4 pixel rgb(145, 0, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
129) }
```


Background

The CSS property to change the background color of an element to YUV 58.0610, 34.9729, 76.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 129) }
```

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

```
.background{ background-color: rgb(145, 0,  
129) }
```

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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