

Converting Colors

YUV(75.7720, 33.1434, 56.3280)

Have a look what the booklet for
YUV(75.7720, 33.1434, 56.3280)
contains.

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Color

**YUV(75.7720, 33.1434,
56.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	8C1E8F
RGB	140, 30, 143
RGB Percent	55%, 12%, 56%
CMY	0.4510, 0.8824, 0.4392
CMYK	0.02, 0.79, 0.00, 0.44
HSL	298°, 65%, 34%
HSV	298°, 79%, 56%
XYZ	16.2374, 8.4872, 26.7690
YIQ	75.7720, 29.2870, 58.4630

Conversions

Conversions Part 2

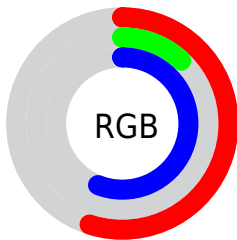
Format	Color
R _Y B	140, 30, 143
Decimal	9182863
CIE Lab	34.98, 57.71, -37.40
CIE LCh	35, 68.765, 327.053
Yxy	8.4872, 0.3153, 0.1648
Android (android.graphics.Color)	4287372943 (0xFF8C1E8F)
YUV	75.7720, 33.1434, 56.3280
Hunter-Lab	29.1327, 48.5064, -34.0864

Details

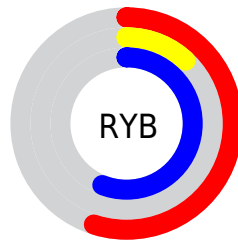
The YUV color **75.7720, 33.1434, 56.3280** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **97.2280, -33.1434, -56.3280**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0170, 31.5436, 56.1131**, and **36.2020, 27.5084, 43.6728** is the 20% darker color. If you saturate the color by 10%, you get **67.5540, 37.1949, 63.5351**, and if you desaturate by 10%, it is **83.9900, 29.0919, 49.1208**.

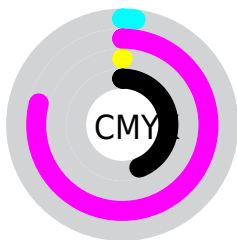
Distribution



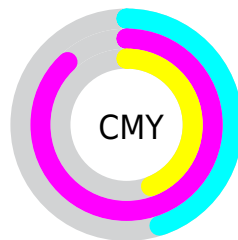
- Red (55%)
- Green (12%)
- Blue (56%)



- Red (55%)
- Yellow (12%)
- Blue (56%)



- Cyan (2%)
- Magenta (79%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (88%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.7720, 33.1434, 56.3280 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 75.7720, 33.1434, 56.3280 by changing the saturation by 10% instead.

75.7720, 33.1434,
56.3280

75.7720, 33.1434,
56.3280

255.0000, 0.0000,
0.0000

47.1250, 34.4484,
57.7724

133.0170, 31.5436,
56.1131

36.2020, 27.5084,
43.6728

161.4300, 31.8330,
56.6279

25.6920, 20.8578,
30.0881

189.1420, 31.9750,
57.7575

15.5950, 14.4967,
17.0182

205.6920, 24.3088,
43.2431

3.2090, 9.7570,
-2.8143

222.7150, 15.9165,
28.3139

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 75.7720, 33.1434,
56.3280

■ 75.7720, 33.1434,
56.3280

■ 67.5540, 37.1949,
63.5351

■ 83.9900, 29.0919,
49.1208

■ 58.4500, 41.6831,
70.6423

■ 93.0940, 24.6037,
42.0136

■ 57.8630, 41.9725,
71.1571

■ 101.3120, 20.5522,
34.8064

■ 109.8290, 16.3533,
28.2140

■ 118.6340, 12.0124,
20.4920

■ 126.8520, 7.9610,
13.2848

■ 135.3690, 3.7621,
6.6924

■ 143.5870, -0.2894,
-0.5148

■ 152.3920, -4.6303,
-8.2368

Harmonies

Analogous

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



77.3860, 51.5747, -22.2635



75.7720, 33.1434, 56.3280



61.3890, 14.1052, 96.1288

Triad

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



75.7720, 33.1434, 56.3280



78.0670, -38.4870, 24.4972



75.9820, 27.1239, -66.6362

Complementary

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



75.7720, 33.1434, 56.3280



97.2280, -33.1434, -56.3280

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.



69.5980, 2.6632, -61.0374



75.7720, 33.1434, 56.3280



70.1390, -34.5785, -15.9079

Square

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



75.7720, 33.1434, 56.3280



74.1780, -36.5698, 62.9879



59.8400, -24.5711, -52.4797



79.8240, 46.9218, -70.0056

Rectangle

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



75.7720, 33.1434, 56.3280



58.1820, -2.0617, 101.5724



59.8400, -24.5711, -52.4797



73.9300, 19.2615, -64.8366

Sweetspot

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



75.7720, 33.1434, 56.3280



159.2860, 13.1700, 22.5512



45.2300, 48.2006, -13.3567



78.1510, 7.8136, 13.8996



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.



75.7720, 33.1434, 56.3280



80.6060, 51.9592, 88.0455



70.6270, 9.5509, 63.4711



66.8910, 2.0257, 3.6036



54.8580, 39.5100, 67.6535



3.0050, 2.4625, 3.5036

Inverse Universe

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



64.1290, -15.3466, 69.1699



62.4930, -23.9070, 108.3156



102.3730, -9.5509, -63.4711



66.0930, -1.0318, 4.3034



40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 75.7720, 33.1434, 56.3280 looks on a white background.

Color Contrast Check

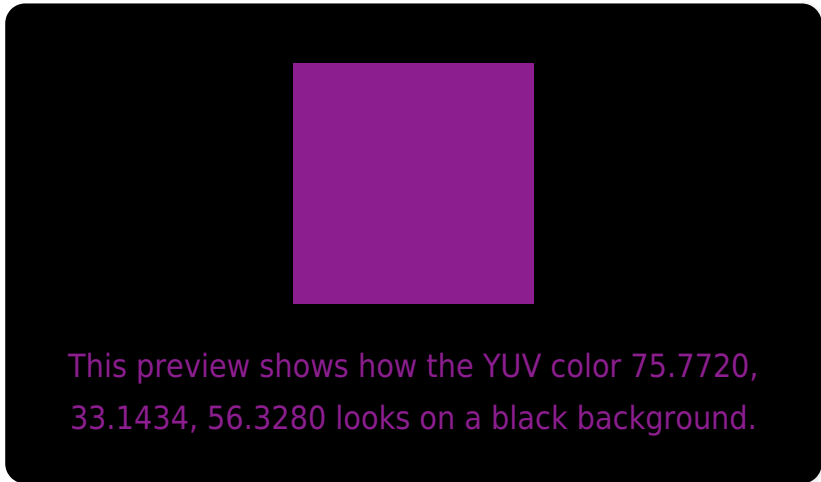
Large Text (above 18pt) WCAG AA ✓ Pass

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

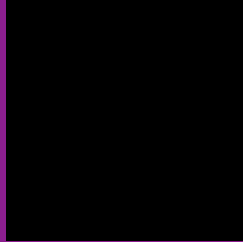
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7720, 33.1434, 56.3280

Background



This preview shows how black text looks on a background with the YUV color 75.7720, 33.1434, 56.3280.



This preview shows how white text looks on a background with the YUV color 75.7720, 33.1434,

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

75.7720, 33.1434, 56.3280

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

80.5450, 26.8463, -24.1570



Tritanopia

82.5000, -8.1345, 42.5345

Trichromacy



Original Color

75.7720, 33.1434, 56.3280

Protanomaly

69.9970, 44.8645, -16.6604

Deuteranomaly

78.7150, 29.2275, 5.5119

Tritanomaly

80.1320, 6.8369, 47.2422

Monochromacy



Original Color

75.7720, 33.1434, 56.3280

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6340, 12.0124, 20.4920

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7720, 33.1434, 56.3280 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(140, 30, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 30, 143)  
}
```

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(140, 30, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 30, 143) }
```

Border

The CSS property to change the border of an element to YUV 75.7720, 33.1434, 56.3280 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(140, 30, 143) }
```


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

```
.border{ border-color:rgb(140, 30, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 30, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 30, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 30, 143);  
box-shadow:4px 4px 4px 4px rgb(140, 30,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 75.7720, 33.1434, 56.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 30, 143) }
```

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

```
.background{ background-color: rgb(140, 30,  
143) }
```

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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