

Converting Colors

YUV(86.7790, 32.6470, 75.6158)

Have a look what the booklet for
YUV(86.7790, 32.6470, 75.6158)
contains.

YUV(86.7790, 32.6470, 75.6158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.7790, 32.6470,
75.6158)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1E99
RGB	173, 30, 153
RGB Percent	68%, 12%, 60%
CMY	0.3216, 0.8824, 0.4000
CMYK	0.00, 0.83, 0.12, 0.32
HSL	308°, 70%, 40%
HSV	308°, 83%, 68%
XYZ	23.4476, 12.1127, 31.2391
YIQ	86.7790, 45.7450, 68.5690

Conversions

Conversions Part 2

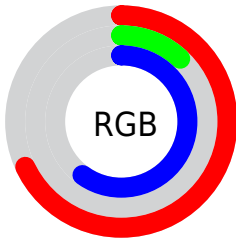
Format	Color
R_{YB}	173, 30, 153
Decimal	11345561
CIE _{Lab}	41.39, 66.20, -32.95
CIE _{LCh}	41, 73.944, 333.535
Yxy	12.1127, 0.3510, 0.1813
Android (android.graphics.Color)	4289535641 (0xFFAD1E99)
YUV	86.7790, 32.6470, 75.6158
Hunter-Lab	34.8033, 59.3530, -28.8559

Details

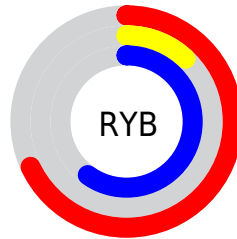
The YUV color **86.7790, 32.6470, 75.6158** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **116.2210, -32.6470, -75.6158**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2580, 29.4528, 73.4417**, and **46.1980, 27.0174, 61.2164** is the 20% darker color. If you saturate the color by 10%, you get **76.5720, 36.6930, 84.5674**, and if you desaturate by 10%, it is **96.9860, 28.6009, 66.6643**.

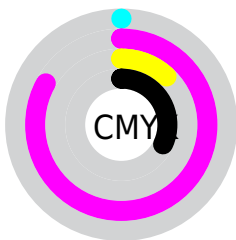
Distribution



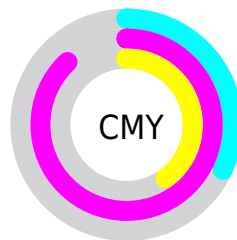
- Red (68%)
- Green (12%)
- Blue (60%)



- Red (68%)
- Yellow (12%)
- Blue (60%)



- Cyan (0%)
- Magenta (83%)
- Yellow (12%)
- Black (32%)



- Cyan (32%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7790, 32.6470, 75.6158 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 86.7790, 32.6470, 75.6158 by changing the saturation by 10% instead.

86.7790, 32.6470,
75.6158

86.7790, 32.6470,
75.6158

255.0000, 0.0000,
0.0000

57.5340, 34.2467,
75.8307

148.2580, 29.4528,
73.4417

46.1980, 27.0174,
61.2164

175.3500, 29.9005,
69.8531

35.3890, 20.5142,
47.0168

193.9520, 30.0967,
53.5391

24.9930, 14.3005,
33.3321

210.9750, 21.7043,
38.6099

14.1130, 8.8183,
18.3179

227.9980, 13.3120,
23.6808

0.2280, 0.8736,
-0.2000

245.6080, 4.6303,

0.0000, 0.0000,

8.2368

0.0000

■ 86.7790, 32.6470,
75.6158

■ 86.7790, 32.6470,
75.6158

■ 76.5720, 36.6930,
84.5674

■ 96.9860, 28.6009,
66.6643

■ 68.7130, 39.5815,
91.4597

■ 107.8940, 24.7023,
57.0980

■ 118.1010, 20.6562,
48.1464

■ 128.4220, 17.0470,
39.0949

■ 139.2160, 12.7115,
29.6286

■ 149.5370, 9.1023,
20.5771

■ 159.7440, 5.0562,
11.6255

■ 169.9510, 1.0102,
2.6740

■ 180.8590, -2.8885,
-6.8923

Harmonies

Analogous

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



97.4150, 51.0674, 0.5130



86.7790, 32.6470, 75.6158



70.1030, 11.2882, 113.0427

Triad

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



86.7790, 32.6470, 75.6158



91.3130, -45.0173, 19.0195



90.3100, 36.3292, -79.2019

Complementary

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



86.7790, 32.6470, 75.6158



116.2210, -32.6470, -75.6158

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.



83.4700, 10.1213, -73.2032



86.7790, 32.6470, 75.6158



79.4980, -39.1925, -29.3777

Square

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



86.7790, 32.6470, 75.6158



90.4030, -44.5687, 61.9136



74.1850, -17.8392, -65.0602



92.9780, 56.7058, -81.5417

Rectangle

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



86.7790, 32.6470, 75.6158



65.3580, -5.5995, 116.3270



74.1850, -17.8392, -65.0602



88.7310, 27.7406, -77.8171

Sweetspot

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



86.7790, 32.6470, 75.6158



190.3300, 13.1483, 29.5286



51.9830, 59.6614, -2.6161



92.0590, 7.3659, 17.4883



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



86.7790, 32.6470, 75.6158



90.1520, 50.7041, 117.3847



78.6850, 1.6343, 82.7143



81.4890, 1.7309, 4.8331



59.5560, 34.2359, 79.3194



9.1570, 5.3456, 12.1403

Inverse Universe

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



86.7790, 32.6470, 75.6158



90.1520, 50.7041, 117.3847



124.3150, -1.6343, -82.7143



81.4890, 1.7309, 4.8331



59.5560, 34.2359, 79.3194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 86.7790, 32.6470, 75.6158 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

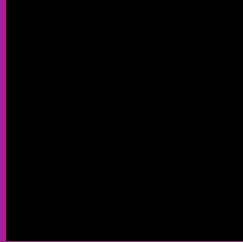
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7790, 32.6470, 75.6158

Background



This preview shows how black text looks on a background with the YUV color 86.7790, 32.6470, 75.6158.



This preview shows how white text looks on a background with the YUV color 86.7790, 32.6470,

75.6158.

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

86.7790, 32.6470, 75.6158

Protanopia

78.9070, 61.1778, -69.2014

Deuteranopia

97.8620, 22.7460, -15.6650



Tritanopia

95.3560, -12.9935, 61.0778

Trichromacy



Original Color

86.7790, 32.6470, 75.6158



Protanomaly

81.6040, 50.9742, -16.3157



Deuteranomaly

93.6950, 26.2794, 17.8075



Tritanomaly

92.1560, 3.8671, 66.5152

Monochromacy



Original Color

86.7790, 32.6470, 75.6158



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.6780, 11.9907, 27.4694

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7790, 32.6470, 75.6158 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(173, 30, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 30, 153)  
}
```

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(173, 30, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 30, 153) }
```

Border

The CSS property to change the border of an element to YUV 86.7790, 32.6470, 75.6158 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(173, 30, 153) }
```


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

```
.border{ border-color:rgb(173, 30, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 30, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 30, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 30, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 30,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 86.7790, 32.6470, 75.6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 30, 153) }
```

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

```
.background{ background-color: rgb(173, 30,  
153) }
```

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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