

Converting Colors

YUV(86.6690, 32.7012, 58.1723)

Have a look what the booklet for
YUV(86.6690, 32.7012, 58.1723)
contains.

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Color

**YUV(86.6690, 32.7012,
58.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	992899
RGB	153, 40, 153
RGB Percent	60%, 16%, 60%
CMY	0.4000, 0.8431, 0.4000
CMYK	0.00, 0.74, 0.00, 0.40
HSL	300°, 59%, 38%
HSV	300°, 74%, 60%
XYZ	19.6454, 10.5898, 31.1456
YIQ	86.6690, 31.0750, 59.0990

Conversions

Conversions Part 2

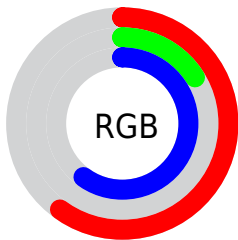
Format	Color
R_{YB}	153, 40, 153
Decimal	10037401
CIE _{Lab}	38.88, 59.07, -37.16
CIE _{LCh}	39, 69.786, 327.831
Yxy	10.5898, 0.3201, 0.1725
Android (android.graphics.Color)	4288227481 (0xFF992899)
YUV	86.6690, 32.7012, 58.1723
Hunter-Lab	32.5420, 50.8112, -33.9665

Details

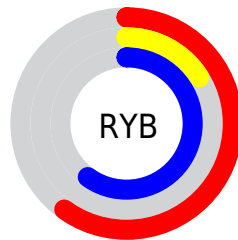
The YUV color **86.6690, 32.7012, 58.1723** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **106.3310, -32.7012, -58.1723**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4410, 31.8276, 58.3722**, and **40.8160, 29.6707, 50.1504** is the 20% darker color. If you saturate the color by 10%, you get **77.8640, 37.0420, 65.8943**, and if you desaturate by 10%, it is **95.4740, 28.3603, 50.4503**.

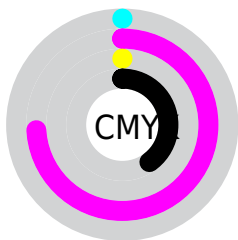
Distribution



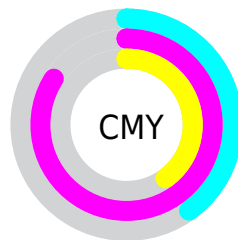
- Red (60%)
- Green (16%)
- Blue (60%)



- Red (60%)
- Yellow (16%)
- Blue (60%)



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6690, 32.7012, 58.1723 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 86.6690, 32.7012, 58.1723 by changing the saturation by 10% instead.

86.6690, 32.7012,
58.1723

86.6690, 32.7012,
58.1723

255.0000, 0.0000,
0.0000

51.8530, 37.0475,
64.1499

143.4410, 31.8276,
58.3722

40.8160, 29.6707,
50.1504

172.0390, 31.5328,
59.6018

30.0070, 23.1675,
35.9509

195.1260, 29.5179,
52.5095

20.5080, 16.5116,
24.1105

211.5620, 21.4149,
38.0951

5.9260, 12.3615,
1.8189

228.5850, 13.0226,
23.1660

0.2280, 0.8736,
-0.2000

245.6080, 4.6303,

0.0000, 0.0000,

8.2368

0.0000

■ 86.6690, 32.7012,
58.1723

■ 86.6690, 32.7012,
58.1723

■ 77.8640, 37.0420,
65.8943

■ 95.4740, 28.3603,
50.4503

■ 68.4720, 41.6723,
74.1311

■ 104.8660, 23.7301,
42.2135

■ 63.1890, 44.2768,
78.7642

■ 113.6710, 19.3892,
34.4915

■ 122.4760, 15.0483,
26.7695

■ 131.2810, 10.7075,
19.0476

■ 140.6730, 6.0772,
10.8108

■ 149.4780, 1.7363,
3.0888

■ 158.2830, -2.6045,
-4.6332

■ 167.6750, -7.2348,
-12.8700

Harmonies

Analogous

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



88.1200, 51.7058, -17.6452



86.6690, 32.7012, 58.1723



66.4870, 15.5359, 103.9359

Triad

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



86.6690, 32.7012, 58.1723



86.3400, -42.5656, 26.0118



83.8070, 29.1821, -73.4987

Complementary

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



86.6690, 32.7012, 58.1723



106.3310, -32.7012, -58.1723

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.



76.7220, 4.5741, -67.2852



86.6690, 32.7012, 58.1723



78.4010, -38.6517, -16.1377

Square

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



86.6690, 32.7012, 58.1723



83.6360, -41.2325, 65.2172



67.6650, -22.5128, -59.3422



87.1760, 49.7062, -76.4534

Rectangle

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



86.6690, 32.7012, 58.1723



62.8670, -0.9204, 108.8646



67.6650, -22.5128, -59.3422



81.7550, 21.3198, -71.6991

Sweetspot

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



86.6690, 32.7012, 58.1723



173.1720, 12.7332, 22.6512



52.8820, 49.3582, -11.2975



84.3250, 7.2348, 12.8700



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



86.6690, 32.7012, 58.1723



95.1010, 51.2222, 91.1194



80.2850, 8.2405, 63.7711



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Inverse Universe

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



86.6690, 32.7012, 58.1723



95.1010, 51.2222, 91.1194



112.8290, -7.8037, -63.8710



72.3040, 2.3151, 4.1184



57.8200, 40.5147, 72.0719



5.3690, 3.7621, 6.6924

Previews

White Background



This preview shows how the YUV color 86.6690, 32.7012, 58.1723 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



This preview shows how the YUV color 86.6690, 32.7012, 58.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

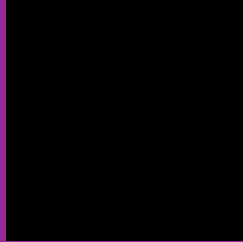
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6690, 32.7012, 58.1723

Background



This preview shows how black text looks on a background with the YUV color 86.6690, 32.7012, 58.1723.



This preview shows how white text looks on a background with the YUV color 86.6690, 32.7012,

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

86.6690, 32.7012, 58.1723

Protanopia

73.9030, 57.2358, -64.8129

Deuteranopia

90.2570, 26.9883, -23.0274



Tritanopia

91.9950, -8.8715, 45.6084

Trichromacy



Original Color

86.6690, 32.7012, 58.1723



Protanomaly

78.5990, 48.5117, -19.8193



Deuteranomaly

89.0140, 29.0801, 6.1267



Tritanomaly

89.7410, 6.5367, 50.2161

Monochromacy



Original Color

86.6690, 32.7012, 58.1723



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.9330, 11.8650, 21.1068

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6690, 32.7012, 58.1723 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(153, 40, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 40, 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(153, 40, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 40, 153) }
```

Border

The CSS property to change the border of an element to YUV 86.6690, 32.7012, 58.1723 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(153, 40, 153) }
```


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

```
.border{ border-color:rgb(153, 40, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 40, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 40, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 40, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 40,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 86.6690, 32.7012, 58.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 40, 153) }
```

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

```
.background{ background-color: rgb(153, 40,  
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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