

Converting Colors

YUV(85.2720, 14.6559, 59.3975)

Have a look what the booklet for
YUV(85.2720, 14.6559, 59.3975)
contains.

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Color

**YUV(85.2720, 14.6559,
59.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	992D73
RGB	153, 45, 115
RGB Percent	60%, 18%, 45%
CMY	0.4000, 0.8235, 0.5490
CMYK	0.00, 0.71, 0.25, 0.40
HSL	321°, 55%, 39%
HSV	321°, 71%, 60%
XYZ	17.1698, 9.8869, 17.2231
YIQ	85.2720, 41.8980, 44.6660

Conversions

Conversions Part 2

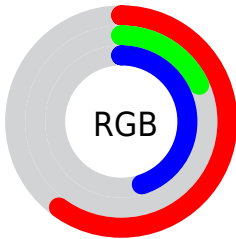
Format	Color
R_{YB}	153, 45, 115
Decimal	10038643
CIE _{Lab}	37.64, 51.45, -15.68
CIE _{LCh}	38, 53.784, 343.047
Yxy	9.8869, 0.3878, 0.2233
Android (android.graphics.Color)	4288228723 (0xFF992D73)
YUV	85.2720, 14.6559, 59.3975
Hunter-Lab	31.4434, 42.4445, -10.4656

Details

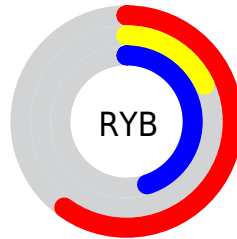
The YUV color **85.2720, 14.6559, 59.3975** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.7280, -14.6559, -59.3975**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5280, 13.0507, 60.9269**, and **36.9400, 14.8196, 53.5496** is the 20% darker color. If you saturate the color by 10%, you get **75.8970, 16.8128, 67.6193**, and if you desaturate by 10%, it is **94.6470, 12.4990, 51.1756**.

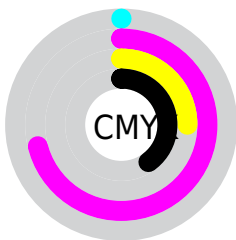
Distribution



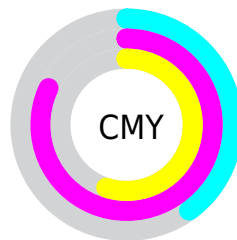
- Red (60%)
- Green (18%)
- Blue (45%)



- Red (60%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (71%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2720, 14.6559, 59.3975 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 85.2720, 14.6559, 59.3975 by changing the saturation by 10% instead.

85.2720, 14.6559,
59.3975

85.2720, 14.6559,
59.3975

255.0000, 0.0000,
0.0000

52.9180, 18.2814,
63.2159

140.5280, 13.0507,
60.9269

36.9400, 14.8196,
53.5496

168.4250, 12.6085,
62.7713

26.2450, 8.7532,
39.2501

191.9510, 14.8142,
55.2940

16.7890, 3.5550,
26.4950

211.6930, 19.3784,
37.9802

0.0000, 0.0000,
0.0000

229.1720, 12.7332,
22.6512

246.1950, 4.3409,

7.7220

■ 85.2720, 14.6559,
59.3975

■ 85.2720, 14.6559,
59.3975

■ 75.8970, 16.8128,
67.6193

■ 94.6470, 12.4990,
51.1756

■ 65.8210, 18.8222,
76.4560

■ 104.7230, 10.4896,
42.3389

■ 57.0330, 20.6897,
84.1631

■ 114.0980, 8.3327,
34.1171

■ 123.5870, 6.6126,
25.7952

■ 133.5490, 4.1663,
17.0585

■ 142.9240, 2.0095,
8.8367

■ 152.4130, 0.2894,
0.5148

■ 161.7880, -1.8675,
-7.7071

■ 171.7500, -4.3137,
-16.4438

Harmonies

Analogous

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



90.5580, 30.7839, 19.6816



85.2720, 14.6559, 59.3975



80.4360, -4.1589, 74.1626

Triad

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



85.2720, 14.6559, 59.3975



81.5010, -40.1800, 7.4536



79.5670, 33.2445, -69.7803

Complementary

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



85.2720, 14.6559, 59.3975



112.7280, -14.6559, -59.3975

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.



75.5940, 15.4832, -66.2959



85.2720, 14.6559, 59.3975



72.8320, -29.0042, -30.5477

Square

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



85.2720, 14.6559, 59.3975



83.4710, -41.1512, 39.0519



69.2900, -3.5940, -60.7673



78.3080, 46.1902, -68.6761

Rectangle

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



85.2720, 14.6559, 59.3975



82.2060, -18.8356, 68.2253



69.2900, -3.5940, -60.7673



78.1990, 28.0029, -68.5805

Sweetspot

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



85.2720, 14.6559, 59.3975



172.6360, 5.6025, 23.1212



68.6740, 41.5727, 12.5639



84.0000, 3.4510, 13.1550



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.



85.2720, 14.6559, 59.3975



92.9570, 22.6992, 92.9997



79.1160, -8.9312, 64.7963



71.9620, 1.0047, 4.4183



52.2340, 19.1116, 76.9708



4.7990, 1.5781, 7.1923

Inverse Universe

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



85.2720, 14.6559, 59.3975



92.9570, 22.6992, 92.9997



118.8840, 8.9312, -64.7963



71.9620, 1.0047, 4.4183



52.2340, 19.1116, 76.9708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 85.2720, 14.6559, 59.3975 looks on a white background.

Color Contrast Check

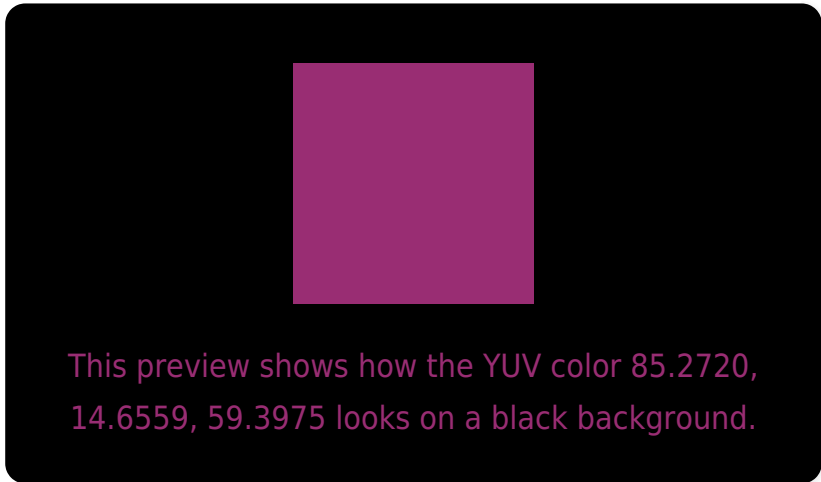
Large Text (above 18pt) WCAG AA ✓ Pass

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

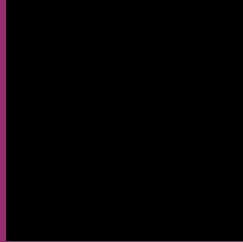
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2720, 14.6559, 59.3975

Background



This preview shows how black text looks on a background with the YUV color 85.2720, 14.6559, 59.3975.



This preview shows how white text looks on a background with the YUV color 85.2720, 14.6559,

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

85.2720, 14.6559, 59.3975

Protanopia

88.1480, 29.0140, -19.4238

Deuteranopia

90.6930, 9.0254, -1.4848



Tritanopia

87.0670, -11.3720, 54.3152

Trichromacy



Original Color

85.2720, 14.6559, 59.3975

Protanomaly

86.9560, 23.6857, 9.6856

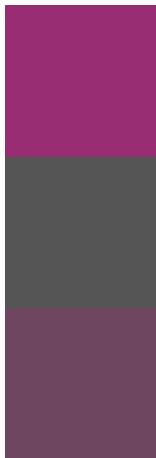
Deuteranomaly

88.4060, 11.1388, 20.6919

Tritanomaly

86.5970, -1.7733, 55.6044

Monochromacy



Original Color

85.2720, 14.6559, 59.3975

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9240, 5.4605, 21.9917

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2720, 14.6559, 59.3975 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, 45, 115)` looks like.

```
.text, #text, p{  
    color:rgb(153, 45, 115)  
}
```

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, 45, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 45, 115) }
```

Border

The CSS property to change the border of an element to YUV 85.2720, 14.6559, 59.3975 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, 45, 115) }
```


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

```
.border{ border-color:rgb(153, 45, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 45, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 45, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 45, 115);  
box-shadow:4px 4px 4px 4px rgb(153, 45,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 85.2720, 14.6559, 59.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 45, 115) }
```

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

```
.background{ background-color: rgb(153, 45,  
115) }
```

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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