

Converting Colors

YUV(63.8590, 7.4645, 32.5727)

Have a look what the booklet for
YUV(63.8590, 7.4645, 32.5727)
contains.

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Color

**YUV(63.8590, 7.4645,
32.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	652A4F
RGB	101, 42, 79
RGB Percent	40%, 16%, 31%
CMY	0.6039, 0.8353, 0.6902
CMYK	0.00, 0.58, 0.22, 0.60
HSL	322°, 41%, 28%
HSV	322°, 58%, 40%
XYZ	7.6061, 4.9871, 7.9589
YIQ	63.8590, 23.2870, 24.0150

Conversions

Conversions Part 2

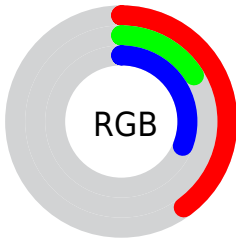
Format	Color
R_{YB}	101, 42, 79
Decimal	6629967
CIE _{Lab}	26.70, 31.42, -10.01
CIE _{LCh}	27, 32.976, 342.337
Yxy	4.9871, 0.3701, 0.2427
Android (android.graphics.Color)	4284820047 (0xFF652A4F)
YUV	63.8590, 7.4645, 32.5727
Hunter-Lab	22.3319, 21.7149, -5.4980

Details

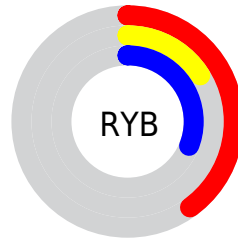
The YUV color **63.8590, 7.4645, 32.5727** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.1410, -7.4645, -32.5727**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.4680, 7.1643, 35.5466**, and **19.5380, 7.6228, 28.4692** is the 20% darker color. If you saturate the color by 10%, you get **57.5330, 8.6112, 38.1206**, and if you desaturate by 10%, it is **70.1850, 6.3178, 27.0248**.

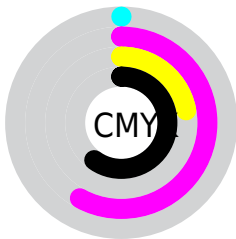
Distribution



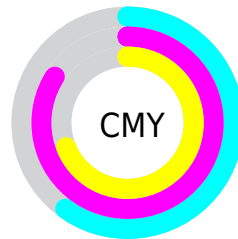
- Red (40%)
- Green (16%)
- Blue (31%)



- Red (40%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (22%)
- Black (60%)



- Cyan (60%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8590, 7.4645, 32.5727 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 63.8590, 7.4645, 32.5727 by changing the saturation by 10% instead.

63.8590, 7.4645,
32.5727

63.8590, 7.4645,
32.5727

255.0000, 0.0000,
0.0000

39.6740, 8.0487,
31.8579

113.4680, 7.1643,
35.5466

19.5380, 7.6228,
28.4692

139.7670, 7.0169,
36.1613

9.9250, 0.5300,
16.7288

166.4790, 7.1589,
37.2909

0.0000, 0.0000,
0.0000

194.1910, 7.3008,
38.4205

218.3150, 9.2117,
32.1727

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 63.8590, 7.4645,
32.5727

■ 63.8590, 7.4645,
32.5727

■ 57.5330, 8.6112,
38.1206

■ 70.1850, 6.3178,
27.0248

■ 51.2070, 9.7579,
43.6685

■ 76.5110, 5.1711,
21.4769

■ 44.9950, 11.3415,
49.1164

■ 82.7230, 3.5876,
16.0289

■ 38.6690, 12.4882,
54.6643

■ 89.0490, 2.4408,
10.4810

■ 37.3810, 12.6302,
55.7939

■ 95.9620, 1.0047,
4.4183

■ 102.2880, -0.1420,
-1.1296

■ 108.5000, -1.7255,
-6.5775

■ 114.8260, -2.8722,
-12.1254

■ 121.1520, -4.0189,
-17.6733

Harmonies

Analogous

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



65.3600, 17.5705, 11.0853



63.8590, 7.4645, 32.5727



61.6400, -3.7665, 41.5347

Triad

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



63.8590, 7.4645, 32.5727



58.8010, -25.0449, 6.3135



54.3820, 20.5177, -47.6930

Complementary

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



63.8590, 7.4645, 32.5727



79.1410, -7.4645, -32.5727

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.



52.3470, 10.1819, -45.9083



63.8590, 7.4645, 32.5727



55.6610, -16.1019, -15.4887

Square

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



63.8590, 7.4645, 32.5727



60.5520, -23.9361, 24.0719



48.7960, -0.8854, -42.7941



53.7440, 28.2272, -47.1335

Rectangle

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



63.8590, 7.4645, 32.5727



61.5660, -11.6180, 39.8456



48.7960, -0.8854, -42.7941



54.1710, 17.1707, -47.5080

Sweetspot

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



63.8590, 7.4645, 32.5727



115.4730, 2.7248, 12.7402



55.3040, 22.5281, 7.6264



57.2120, 1.8675, 7.7071



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



63.8590, 7.4645, 32.5727



72.7070, 11.4834, 50.2460



60.5530, -5.2026, 35.4720



47.8370, 0.5734, 2.7740



42.5930, 14.4977, 63.5009



89.6860, 30.7208, 133.5794

Inverse Universe

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



63.8590, 7.4645, 32.5727



72.7070, 11.4834, 50.2460



82.4470, 5.2026, -35.4720



47.8370, 0.5734, 2.7740



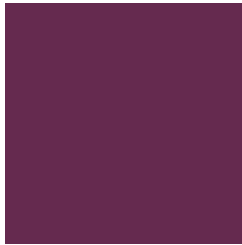
42.5930, 14.4977, 63.5009



89.6860, 30.7208, 133.5794

Previews

White Background



This preview shows how the YUV color 63.8590, 7.4645, 32.5727 looks on a white background.

Color Contrast Check

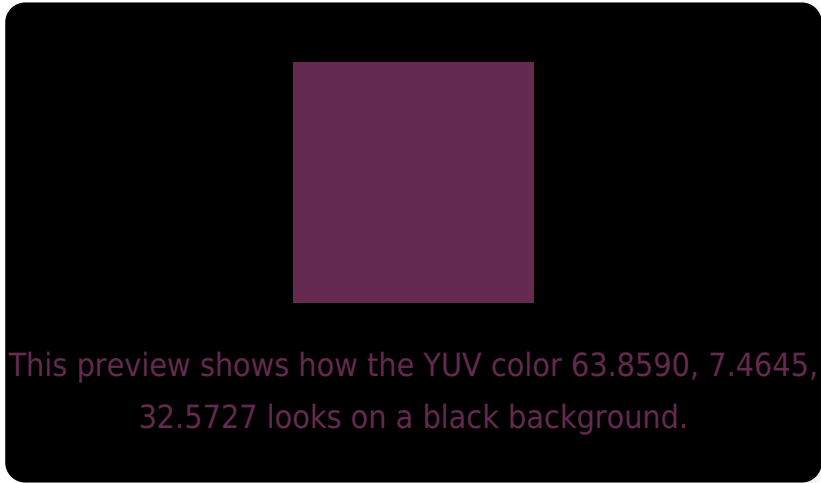
Large Text (above 18pt) WCAG AA ✓ Pass

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

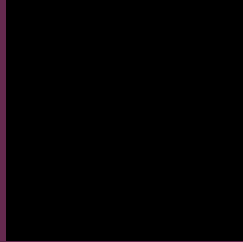
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8590, 7.4645, 32.5727

Background



This preview shows how black text looks on a background with the YUV color 63.8590, 7.4645, 32.5727.



This preview shows how white text looks on a background with the YUV color 63.8590, 7.4645,

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

63.8590, 7.4645, 32.5727

Protanopia

63.5440, 15.0148, -9.2471

Deuteranopia

64.1940, 5.8204, -0.1701



Tritanopia

63.4060, -5.6232, 30.3389

Trichromacy



Original Color

63.8590, 7.4645, 32.5727

Protanomaly

63.3610, 12.6400, 5.8224

Deuteranomaly

64.0860, 6.3666, 11.3256

Tritanomaly

63.6710, -0.8238, 30.9835

Monochromacy



Original Color

63.8590, 7.4645, 32.5727

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7610, 2.5828, 11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8590, 7.4645, 32.5727 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(101, 42, 79)` looks like.

```
.text, #text, p{  
    color:rgb(101, 42, 79)  
}
```

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(101, 42, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 42, 79) }
```

Border

The CSS property to change the border of an element to YUV 63.8590, 7.4645, 32.5727 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(101, 42, 79) }
```


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

```
.border{ border-color:rgb(101, 42, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 42, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 42, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 42, 79);  
box-shadow:4px 4px 4px 4px rgb(101, 42,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 63.8590, 7.4645, 32.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 42, 79) }
```

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

```
.background{ background-color: rgb(101, 42,  
79) }
```

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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