

Converting Colors

YUV(63.2700, 14.1639, 30.4582)

Have a look what the booklet for
YUV(63.2700, 14.1639, 30.4582)
contains.

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Color

**YUV(63.2700, 14.1639,
30.4582)**

Conversions

Conversions Part 1

Format	Color
Hex	62285C
RGB	98, 40, 92
RGB Percent	38%, 16%, 36%
CMY	0.6157, 0.8431, 0.6392
CMYK	0.00, 0.59, 0.06, 0.62
HSL	306°, 42%, 27%
HSV	306°, 59%, 38%
XYZ	7.7276, 4.8870, 10.6612
YIQ	63.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

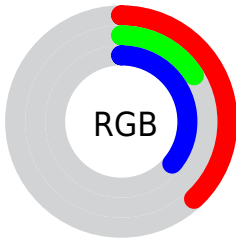
Format	Color
R_{YB}	98, 40, 92
Decimal	6432860
CIE _{Lab}	26.41, 33.80, -19.06
CIE _{LCh}	26, 38.807, 330.583
Yxy	4.8870, 0.3320, 0.2100
Android (android.graphics.Color)	4284622940 (0xFF62285C)
YUV	63.2700, 14.1639, 30.4582
Hunter-Lab	22.1065, 23.7103, -13.1190

Details

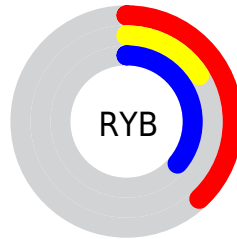
The YUV color **63.2700, 14.1639, 30.4582** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **74.7300, -14.1639, -30.4582**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2810, 14.1585, 32.2026**, and **19.8950, 12.8698, 25.5251** is the 20% darker color. If you saturate the color by 10%, you get **57.2860, 16.6210, 35.7062**, and if you desaturate by 10%, it is **69.2540, 11.7068, 25.2102**.

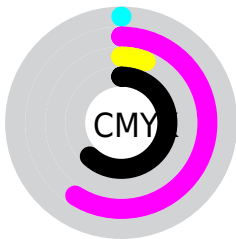
Distribution



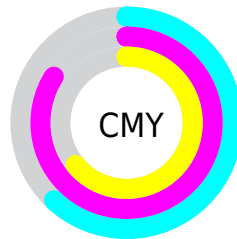
- Red (38%)
- Green (16%)
- Blue (36%)



- Red (38%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (59%)
- Yellow (6%)
- Black (62%)



- Cyan (62%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2700, 14.1639, 30.4582 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 63.2700, 14.1639, 30.4582 by changing the saturation by 10% instead.

63.2700, 14.1639,
30.4582

63.2700, 14.1639,
30.4582

255.0000, 0.0000,
0.0000

38.3840, 14.6007,
30.3582

113.2810, 14.1585,
32.2026

19.8950, 12.8698,
25.5251

139.4060, 14.5898,
33.8469

10.3250, 7.2348,
12.8700

166.1180, 14.7318,
34.9765

0.0000, 0.0000,
0.0000

193.5310, 15.0212,
35.4913

218.9650, 16.7793,
31.6027

236.2160, 9.2605,

16.4736

253.2390, 0.8682,
1.5444

63.2700, 14.1639,
30.4582

63.2700, 14.1639,
30.4582

57.2860, 16.6210,
35.7062

69.2540, 11.7068,
25.2102

51.3020, 19.0781,
40.9541

75.2380, 9.2497,
19.9623

45.9050, 21.2458,
45.6873

80.6350, 7.0819,
15.2291

39.9210, 23.7029,
50.9353

86.6190, 4.6248,
9.9811

39.3340, 23.9923,
51.4501

92.6030, 2.1677,
4.7332

■ 98.5870, -0.2894,
-0.5148

■ 104.5710, -2.7465,
-5.7628

■ 109.9680, -4.9142,
-10.4959

■ 115.9520, -7.3713,
-15.7439

Harmonies

Analogous

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



63.2320, 25.0286, -1.0805



63.2700, 14.1639, 30.4582



59.4650, 1.7428, 47.8272

Triad

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



63.2700, 14.1639, 30.4582



58.5310, -28.8558, 15.3203



55.1000, 18.1917, -48.3227

Complementary

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



63.2700, 14.1639, 30.4582



74.7300, -14.1639, -30.4582

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.



51.6800, 5.0878, -45.3234



63.2700, 14.1639, 30.4582



54.5990, -25.4383, -7.5413

Square

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



63.2700, 14.1639, 30.4582



59.7490, -26.0053, 34.4231



47.0860, -7.4374, -41.2944



55.8470, 28.6694, -48.9778

Rectangle

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



63.2700, 14.1639, 30.4582



58.7720, -7.2826, 49.3120



47.0860, -7.4374, -41.2944



53.9600, 13.8237, -47.3229

Sweetspot

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



63.2700, 14.1639, 30.4582



114.1570, 5.3456, 12.1403



48.4060, 24.4498, -2.1101



55.5540, 3.1779, 7.4071



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



63.2700, 14.1639, 30.4582



73.4430, 21.9666, 47.8465



59.9640, 1.4967, 33.3576



45.6520, 1.1576, 2.0592



45.0020, 27.6070, 58.7572



96.2700, 58.5339, 126.0512

Inverse Universe

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



63.2700, 14.1639, 30.4582



73.4430, 21.9666, 47.8465



78.0360, -1.4967, -33.3576



45.6520, 1.1576, 2.0592



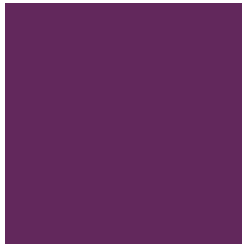
45.0020, 27.6070, 58.7572



96.2700, 58.5339, 126.0512

Previews

White Background



This preview shows how the YUV color 63.2700, 14.1639, 30.4582 looks on a white background.

Color Contrast Check

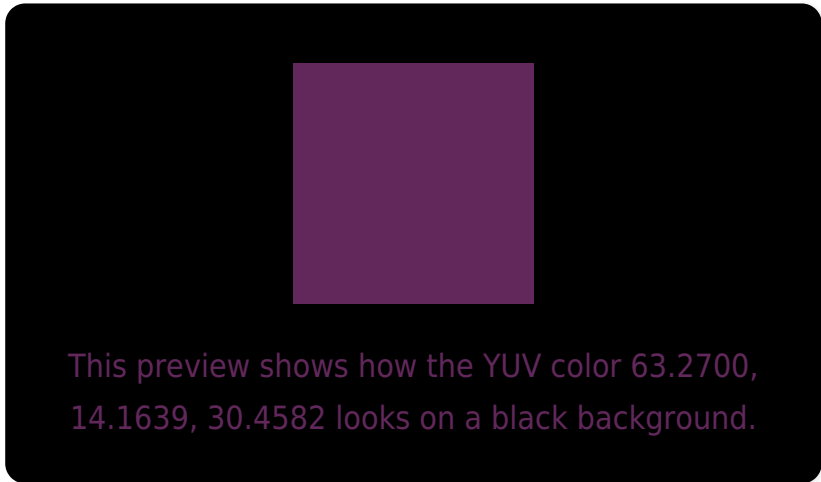
Large Text (above 18pt) WCAG AA ✓ Pass

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

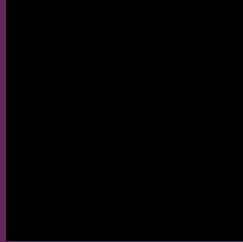
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2700, 14.1639, 30.4582

Background



This preview shows how black text looks on a background with the YUV color 63.2700, 14.1639, 30.4582.



This preview shows how white text looks on a background with the YUV color 63.2700, 14.1639,

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

63.2700, 14.1639, 30.4582

Protanopia

61.3070, 24.4986, -17.8092

Deuteranopia

63.4580, 12.0992, -7.4177



Tritanopia

63.6120, -4.7387, 26.6503

Trichromacy



Original Color

63.2700, 14.1639, 30.4582

Protanomaly

62.0920, 20.6606, -0.0807

Deuteranomaly

63.6600, 12.4926, 6.4372

Tritanomaly

63.1590, 2.3866, 27.9246

Monochromacy



Original Color

63.2700, 14.1639, 30.4582

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.4450, 5.2036, 11.0107

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2700, 14.1639, 30.4582 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(98, 40, 92)` looks like.

```
.text, #text, p{  
  color:rgb(98, 40, 92)  
}
```

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(98, 40, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 40, 92) }
```

Border

The CSS property to change the border of an element to YUV 63.2700, 14.1639, 30.4582 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(98, 40, 92) }
```


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

```
.border{ border-color:rgb(98, 40, 92) }
```

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

Here you see how a box with a 4 pixel rgb(98, 40, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 40, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 40, 92);  
box-shadow:4px 4px 4px 4px rgb(98, 40, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2700, 14.1639, 30.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 40, 92) }
```

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

```
.background{ background-color: rgb(98, 40,  
92) }
```

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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