

Converting Colors

YUV(64.7340, 7.0331, 30.9283)

Have a look what the booklet for
YUV(64.7340, 7.0331, 30.9283)
contains.

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Color

**YUV(64.7340, 7.0331,
30.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	642C4F
RGB	100, 44, 79
RGB Percent	39%, 17%, 31%
CMY	0.6078, 0.8275, 0.6902
CMYK	0.00, 0.56, 0.21, 0.61
HSL	322°, 39%, 28%
HSV	322°, 56%, 39%
XYZ	7.5675, 5.0752, 7.9779
YIQ	64.7340, 22.1410, 22.7570

Conversions

Conversions Part 2

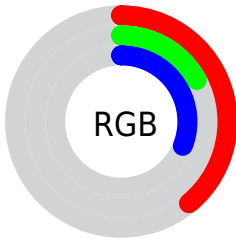
Format	Color
R_{YB}	100, 44, 79
Decimal	6564943
CIE _{Lab}	26.95, 29.98, -9.64
CIE _{LCh}	27, 31.492, 342.172
Yxy	5.0752, 0.3670, 0.2461
Android (android.graphics.Color)	4284755023 (0xFF642C4F)
YUV	64.7340, 7.0331, 30.9283
Hunter-Lab	22.5282, 20.5359, -5.2266

Details

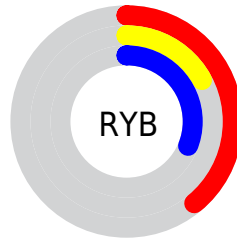
The YUV color **64.7340, 7.0331, 30.9283** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.2660, -7.0331, -30.9283**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3430, 6.7329, 33.9022**, and **19.2390, 7.7702, 27.8544** is the 20% darker color. If you saturate the color by 10%, you get **58.4080, 8.1799, 36.4762**, and if you desaturate by 10%, it is **71.0600, 5.8864, 25.3804**.

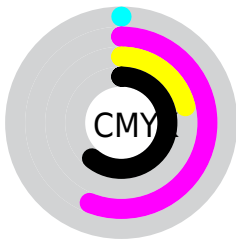
Distribution



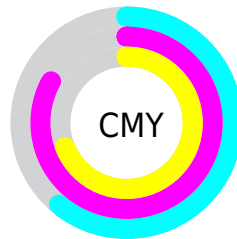
- Red (39%)
- Green (17%)
- Blue (31%)



- Red (39%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (56%)
- Yellow (21%)
- Black (61%)



- Cyan (61%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.7340, 7.0331, 30.9283 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 64.7340, 7.0331, 30.9283 by changing the saturation by 10% instead.

64.7340, 7.0331,
30.9283

64.7340, 7.0331,
30.9283

255.0000, 0.0000,
0.0000

40.5490, 7.6173,
30.2135

114.3430, 6.7329,
33.9022

19.2390, 7.7702,
27.8544

140.6420, 6.5855,
34.5170

9.6260, 0.6774,
16.1140

167.3540, 6.7275,
35.6465

0.0000, 0.0000,
0.0000

194.4790, 7.1589,
37.2909

219.4890, 8.6329,
31.1431

237.9770, 8.3923,

14.9292

■ 64.7340, 7.0331,
30.9283

■ 64.7340, 7.0331,
30.9283

■ 58.4080, 8.1799,
36.4762

■ 71.0600, 5.8864,
25.3804

■ 52.1960, 9.7634,
41.9241

■ 77.3860, 4.7397,
19.8325

■ 45.8700, 10.9101,
47.4720

■ 83.5980, 3.1562,
14.3846

■ 39.5440, 12.0568,
53.0199

■ 89.9240, 2.0095,
8.8367

■ 37.0820, 12.7776,
55.1791

■ 96.2500, 0.8628,
3.2887

■ 102.5760, -0.2840,
-2.2592

■ 108.7880, -1.8675,
-7.7071

■ 115.1140, -3.0142,
-13.2550

■ 121.4400, -4.1609,
-18.8029

Harmonies

Analogous

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



65.8330, 16.8443, 10.6705



64.7340, 7.0331, 30.9283



63.2160, -4.0505, 39.2756

Triad

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



64.7340, 7.0331, 30.9283



60.1430, -23.7345, 6.0136



54.2680, 20.0809, -47.5930

Complementary

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



64.7340, 7.0331, 30.9283



79.2660, -7.0331, -30.9283

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



64.7340, 7.0331, 30.9283



56.9000, -15.2337, -13.9443

Square

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



64.7340, 7.0331, 30.9283



61.5950, -22.4783, 23.1572



48.9100, -0.4486, -42.8941



53.5160, 27.3536, -46.9335

Rectangle

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



64.7340, 7.0331, 30.9283



62.5550, -11.6126, 38.1013



48.9100, -0.4486, -42.8941



54.1710, 17.1707, -47.5080

Sweetspot

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



64.7340, 7.0331, 30.9283



116.1740, 2.8722, 12.1254



56.6630, 21.3651, 7.3115



57.7990, 1.5781, 7.1923



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.



64.7340, 7.0331, 30.9283



75.1690, 10.7627, 48.0868



61.5420, -5.1972, 33.7277



47.8370, 0.5734, 2.7740



42.5930, 14.4977, 63.5009



89.5720, 30.2840, 133.6794

Inverse Universe

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



64.7340, 7.0331, 30.9283



75.1690, 10.7627, 48.0868



82.4580, 5.1972, -33.7277



47.8370, 0.5734, 2.7740



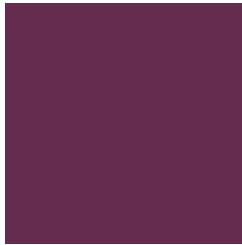
42.5930, 14.4977, 63.5009



89.5720, 30.2840, 133.6794

Previews

White Background



This preview shows how the YUV color 64.7340, 7.0331, 30.9283 looks on a white background.

Color Contrast Check

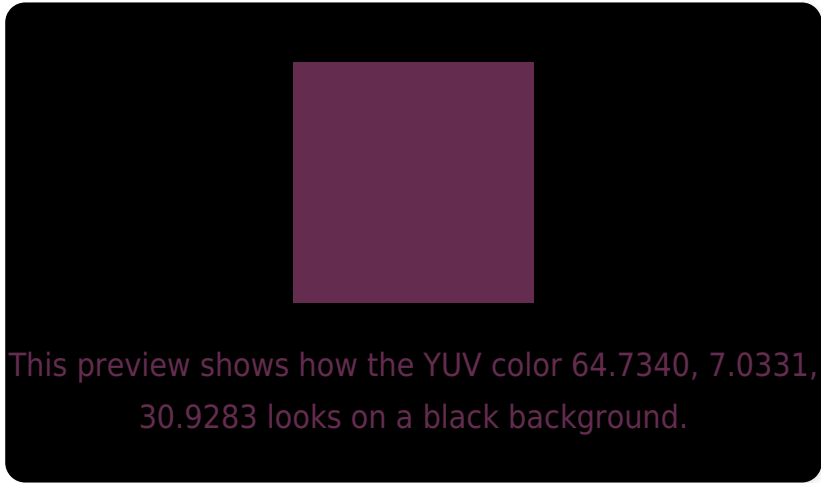
Large Text (above 18pt) WCAG AA ✓ Pass

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

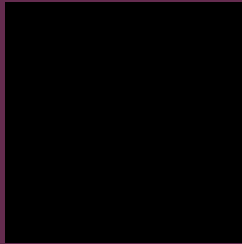
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.7340, 7.0331, 30.9283

Background



This preview shows how black text looks on a background with the YUV color 64.7340, 7.0331, 30.9283.



This preview shows how white text looks on a background with the YUV color 64.7340, 7.0331, 30.9283.

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

64.7340, 7.0331, 30.9283

Protanopia

64.0280, 14.2832, -7.9176

Deuteranopia

65.0800, 5.3836, -0.0702



Tritanopia

64.6940, -5.7651, 29.2094

Trichromacy



Original Color

64.7340, 7.0331, 30.9283

Protanomaly

64.1330, 11.7664, 6.0224

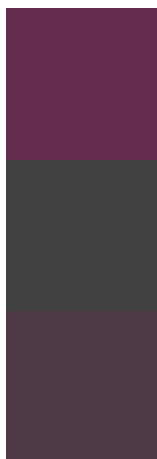
Deuteranomaly

64.9720, 5.9298, 11.4256

Tritanomaly

64.8450, -1.4026, 29.9539

Monochromacy



Original Color

64.7340, 7.0331, 30.9283

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7610, 2.5828, 11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.7340, 7.0331, 30.9283 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(100, 44, 79)` looks like.

```
.text, #text, p{  
    color:rgb(100, 44, 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(100, 44, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 44, 79) }
```

Border

The CSS property to change the border of an element to YUV 64.7340, 7.0331, 30.9283 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(100, 44, 79) }
```


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

```
.border{ border-color:rgb(100, 44, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 44, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 44, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 44, 79);  
box-shadow:4px 4px 4px 4px rgb(100, 44,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 64.7340, 7.0331, 30.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 44, 79) }
```

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

```
.background{ background-color: rgb(100, 44,  
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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