

Converting Colors

YUV(68.5940, 2.6652, 31.9281)

Have a look what the booklet for
YUV(68.5940, 2.6652, 31.9281)
contains.

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Color

**YUV(68.5940, 2.6652,
31.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	69314A
RGB	105, 49, 74
RGB Percent	41%, 19%, 29%
CMY	0.5882, 0.8078, 0.7098
CMYK	0.00, 0.53, 0.30, 0.59
HSL	333°, 36%, 30%
HSV	333°, 53%, 41%
XYZ	8.1600, 5.6943, 7.1476
YIQ	68.5940, 25.3510, 19.6470

Conversions

Conversions Part 2

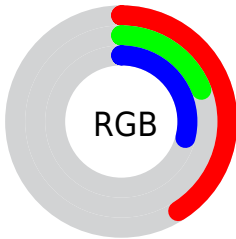
Format	Color
R_{YB}	105, 49, 74
Decimal	6893898
CIE _{Lab}	28.63, 28.21, -3.74
CIE _{LCh}	29, 28.460, 352.458
Yxy	5.6943, 0.3885, 0.2711
Android (android.graphics.Color)	4285083978 (0xFF69314A)
YUV	68.5940, 2.6652, 31.9281
Hunter-Lab	23.8627, 19.2797, -1.0552

Details

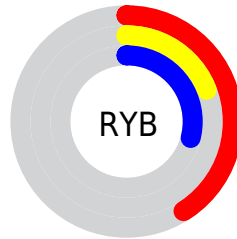
The YUV color **68.5940, 2.6652, 31.9281** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.4060, -2.6652, -31.9281**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2030, 2.3649, 34.9020**, and **21.0390, 4.4178, 29.7838** is the 20% darker color. If you saturate the color by 10%, you get **62.0400, 2.9383, 37.6759**, and if you desaturate by 10%, it is **75.1480, 2.3920, 26.1802**.

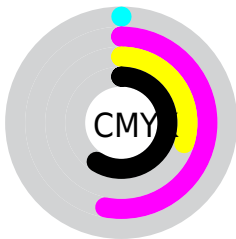
Distribution



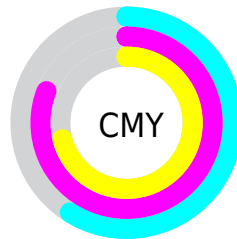
- Red (41%)
- Green (19%)
- Blue (29%)



- Red (41%)
- Yellow (19%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (30%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5940, 2.6652, 31.9281 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 68.5940, 2.6652, 31.9281 by changing the saturation by 10% instead.

68.5940, 2.6652,
31.9281

68.5940, 2.6652,
31.9281

255.0000, 0.0000,
0.0000

44.9960, 2.9600,
30.6985

118.2030, 2.3649,
34.9020

21.0390, 4.4178,
29.7838

144.6870, 1.6333,
36.2315

10.9210, -3.4121,
21.1173

171.3990, 1.7753,
37.3611

0.0000, 0.0000,
0.0000

198.9970, 1.4805,
38.5906

222.2130, 3.8390,
28.7542

241.4990, 6.6560,

11.8404

■ 68.5940, 2.6652,
31.9281

■ 68.5940, 2.6652,
31.9281

■ 62.0400, 2.9383,
37.6759

■ 75.1480, 2.3920,
26.1802

■ 54.8990, 3.5008,
43.9386

■ 82.2890, 1.8295,
19.9175

■ 47.8720, 4.5001,
50.1013

■ 88.7290, 1.1196,
14.2697

■ 41.3180, 4.7732,
55.8491

■ 95.8700, 0.5571,
8.0070

■ 36.7530, 5.0518,
59.8526

■ 103.0110, -0.0054,
1.7444

■ 109.5650, -0.2785,
-4.0035

■ 116.1190, -0.5517,
-9.7514

■ 123.2600, -1.1142,
-16.0140

■ 130.2870, -2.1135,
-22.1767

Harmonies

Analogous

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



69.6120, 12.0233, 17.0033



68.5940, 2.6652, 31.9281



67.5700, -7.6760, 35.4571

Triad

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



68.5940, 2.6652, 31.9281



63.6630, -19.0609, 0.2955



56.2400, 22.5597, -49.3225

Complementary

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



68.5940, 2.6652, 31.9281



85.4060, -2.6652, -31.9281

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.



55.3620, 14.1185, -48.5525



68.5940, 2.6652, 31.9281



60.2350, -9.9759, -20.3771

Square

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



68.5940, 2.6652, 31.9281



65.4910, -21.4411, 17.1094



52.7400, 4.0722, -46.2530



54.9180, 27.6484, -48.1631

Rectangle

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



68.5940, 2.6652, 31.9281



67.2400, -13.9223, 32.2385



52.7400, 4.0722, -46.2530



56.2570, 20.0863, -49.3374

Sweetspot

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



68.5940, 2.6652, 31.9281



123.7180, 1.1250, 12.5253



64.6530, 19.8911, 13.4593



60.5710, 0.7045, 7.3922



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



68.5940, 2.6652, 31.9281



80.7580, 4.0633, 50.2012



67.5050, -9.1230, 32.8831



50.1360, 0.4260, 3.3887



40.9110, 5.4669, 66.7301



85.6810, 11.4963, 139.7228

Inverse Universe

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



68.5940, 2.6652, 31.9281



80.7580, 4.0633, 50.2012



86.4950, 9.1230, -32.8831



50.1360, 0.4260, 3.3887



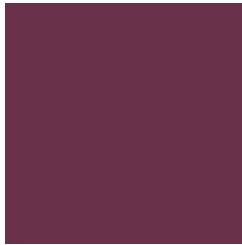
40.9110, 5.4669, 66.7301



85.6810, 11.4963, 139.7228

Previews

White Background



This preview shows how the YUV color 68.5940, 2.6652, 31.9281 looks on a white background.

Color Contrast Check

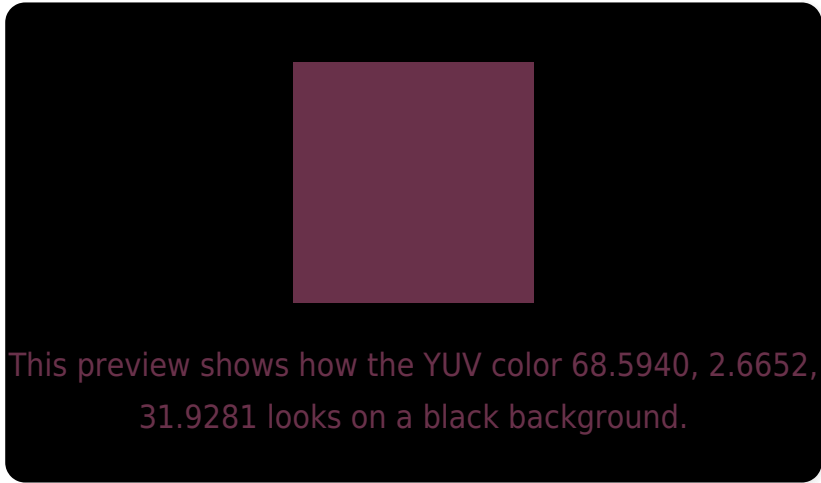
Large Text (above 18pt) WCAG AA ✓ Pass

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

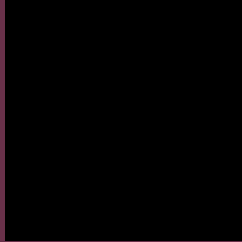
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5940, 2.6652, 31.9281

Background



This preview shows how black text looks on a background with the YUV color 68.5940, 2.6652, 31.9281.



This preview shows how white text looks on a background with the YUV color 68.5940, 2.6652,

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

68.5940, 2.6652, 31.9281

Protanopia

68.8560, 8.4520, -4.2587

Deuteranopia

68.6630, 1.1521, 3.8035



Tritanopia

68.2920, -6.0600, 30.4389

Trichromacy



Original Color

68.5940, 2.6652, 31.9281

Protanomaly

68.7760, 6.5194, 8.9664

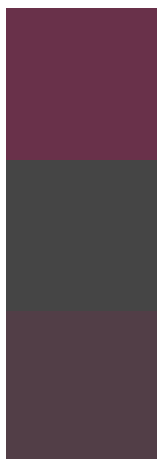
Deuteranomaly

68.8430, 1.5564, 14.1697

Tritanomaly

68.8020, -2.8604, 30.8686

Monochromacy



Original Color

68.5940, 2.6652, 31.9281

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0060, 0.9830, 11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5940, 2.6652, 31.9281 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(105, 49, 74)` looks like.

```
.text, #text, p{  
    color:rgb(105, 49, 74)  
}
```

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(105, 49, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 49, 74) }
```

Border

The CSS property to change the border of an element to YUV 68.5940, 2.6652, 31.9281 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(105, 49, 74) }
```


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

```
.border{ border-color:rgb(105, 49, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 49, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 49, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 49, 74);  
box-shadow:4px 4px 4px 4px rgb(105, 49,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 68.5940, 2.6652, 31.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 49, 74) }
```

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

```
.background{ background-color: rgb(105, 49,  
74) }
```

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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