

Converting Colors

YUV(66.9140, 7.4374, 41.2944)

Have a look what the booklet for
YUV(66.9140, 7.4374, 41.2944)
contains.

YUV(66.9140, 7.4374, 41.2944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.9140, 7.4374,
41.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	722852
RGB	114, 40, 82
RGB Percent	45%, 16%, 32%
CMY	0.5529, 0.8431, 0.6784
CMYK	0.00, 0.65, 0.28, 0.55
HSL	326°, 48%, 30%
HSV	326°, 65%, 45%
XYZ	9.2212, 5.7042, 8.5976
YIQ	66.9140, 30.6220, 28.7500

Conversions

Conversions Part 2

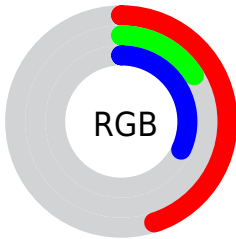
Format	Color
R_{YB}	114, 40, 82
Decimal	7481426
CIE _{Lab}	28.65, 37.28, -8.81
CIE _{LCh}	29, 38.305, 346.696
Yxy	5.7042, 0.3920, 0.2425
Android (android.graphics.Color)	4285671506 (0xFF722852)
YUV	66.9140, 7.4374, 41.2944
Hunter-Lab	23.8834, 27.1215, -4.6250

Details

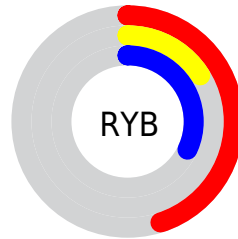
The YUV color **66.9140, 7.4374, 41.2944** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.0860, -7.4374, -41.2944**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9960, 6.4110, 43.8535**, and **23.0550, 6.8749, 35.0318** is the 20% darker color. If you saturate the color by 10%, you get **59.8870, 8.4367, 47.4571**, and if you desaturate by 10%, it is **73.9410, 6.4381, 35.1317**.

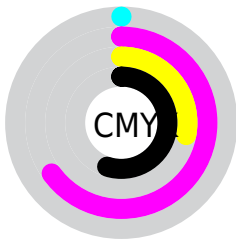
Distribution



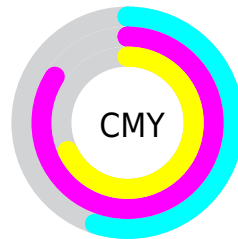
- Red (45%)
- Green (16%)
- Blue (32%)



- Red (45%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (65%)
- Yellow (28%)
- Black (55%)



- Cyan (55%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.9140, 7.4374, 41.2944 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 66.9140, 7.4374, 41.2944 by changing the saturation by 10% instead.

66.9140, 7.4374,
41.2944

66.9140, 7.4374,
41.2944

255.0000, 0.0000,
0.0000

40.6690, 9.0372,
41.5093

117.9960, 6.4110,
43.8535

23.0550, 6.8749,
35.0318

144.5940, 6.1162,
45.0831

14.0830, 0.9451,
23.6062

171.6050, 6.1107,
46.8274

0.0000, 0.0000,
0.0000

199.3170, 6.2527,
47.9570

219.2440, 10.2327,
31.3580

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 66.9140, 7.4374,
41.2944

■ 66.9140, 7.4374,
41.2944

■ 59.8870, 8.4367,
47.4571

■ 73.9410, 6.4381,
35.1317

■ 52.2730, 9.7254,
54.1346

■ 81.5550, 5.1494,
28.4543

■ 45.2460, 10.7247,
60.2973

■ 88.5820, 4.1501,
22.2916

■ 41.4960, 11.5875,
63.5860

■ 96.1960, 2.8614,
15.6141

■ 103.2230, 1.8621,
9.4514

■ 110.2500, 0.8628,
3.2887

■ 117.8640, -0.4260,
-3.3887

■ 124.7770, -1.8621,
-9.4514

■ 132.3910, -3.1508,
-16.1289

Harmonies

Analogous

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



69.7460, 18.8592, 17.7628



66.9140, 7.4374, 41.2944



64.7010, -6.2616, 48.4972

Triad

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



66.9140, 7.4374, 41.2944



61.5250, -29.8388, 3.9246



59.5000, 24.8965, -52.1815

Complementary

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



66.9140, 7.4374, 41.2944



87.0860, -7.4374, -41.2944

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.



57.1230, 13.2504, -50.0969



66.9140, 7.4374, 41.2944



57.2040, -16.3696, -22.9809

Square

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



66.9140, 7.4374, 41.2944



63.9560, -30.0513, 25.4716



53.5890, -0.2904, -46.9976



58.2750, 32.8954, -51.1072

Rectangle

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



66.9140, 7.4374, 41.2944



64.9750, -15.2707, 44.7489



53.5890, -0.2904, -46.9976



59.1750, 21.1127, -51.8965

Sweetspot

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



66.9140, 7.4374, 41.2944



130.1960, 2.8614, 15.6141



57.7050, 27.7534, 11.6597



63.2230, 1.8621, 9.4514



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



66.9140, 7.4374, 41.2944



74.7950, 11.4401, 64.2008



62.8100, -8.2873, 44.8936



52.2500, 0.8628, 3.2888



43.6320, 12.0134, 66.9747



89.8130, 24.7422, 137.8530

Inverse Universe

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



66.9140, 7.4374, 41.2944



74.7950, 11.4401, 64.2008



91.1900, 8.2873, -44.8936



52.2500, 0.8628, 3.2888



43.6320, 12.0134, 66.9747



89.8130, 24.7422, 137.8530

Previews

White Background



This preview shows how the YUV color 66.9140, 7.4374, 41.2944 looks on a white background.

Color Contrast Check

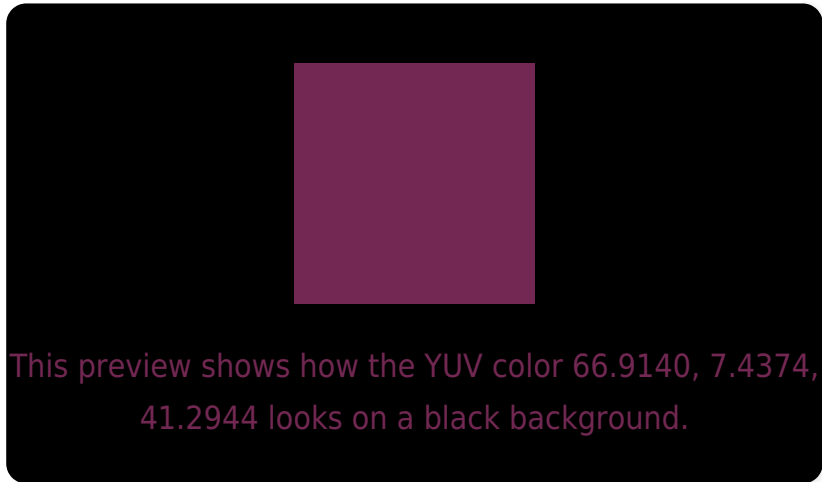
Large Text (above 18pt) WCAG AA ✓ Pass

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

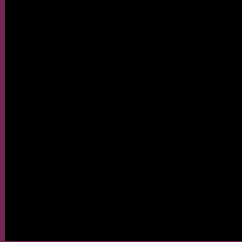
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.9140, 7.4374, 41.2944

Background



This preview shows how black text looks on a background with the YUV color 66.9140, 7.4374, 41.2944.



This preview shows how white text looks on a background with the YUV color 66.9140, 7.4374,

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

66.9140, 7.4374, 41.2944

Protanopia

68.5870, 16.4726, -10.1618

Deuteranopia

69.4500, 4.2151, 1.3593



Tritanopia

67.1790, -7.9762, 38.4310

Trichromacy



Original Color

66.9140, 7.4374, 41.2944

Protanomaly

68.1980, 13.2134, 8.5964

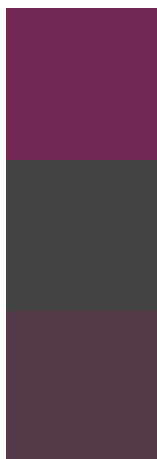
Deuteranomaly

68.4780, 5.1873, 16.2438

Tritanomaly

66.9710, -2.4507, 39.4904

Monochromacy



Original Color

66.9140, 7.4374, 41.2944

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7830, 2.5720, 15.0993

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.9140, 7.4374, 41.2944 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(114, 40, 82)` looks like.

```
.text, #text, p{  
    color:rgb(114, 40, 82)  
}
```

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(114, 40, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 40, 82) }
```

Border

The CSS property to change the border of an element to YUV 66.9140, 7.4374, 41.2944 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(114, 40, 82) }
```


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

```
.border{ border-color:rgb(114, 40, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 40, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 40, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 40, 82);  
box-shadow:4px 4px 4px 4px rgb(114, 40,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 66.9140, 7.4374, 41.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 40, 82) }
```

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

```
.background{ background-color: rgb(114, 40,  
82) }
```

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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