

Converting Colors

YUV(89.4240, 7.1860, 28.5692)

Have a look what the booklet for
YUV(89.4240, 7.1860, 28.5692)
contains.

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Color

**YUV(89.4240, 7.1860,
28.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	7A4668
RGB	122, 70, 104
RGB Percent	48%, 27%, 41%
CMY	0.5216, 0.7255, 0.5922
CMYK	0.00, 0.43, 0.15, 0.52
HSL	321°, 27%, 38%
HSV	321°, 43%, 48%
XYZ	12.7149, 9.5174, 14.2636
YIQ	89.4240, 20.0780, 21.5980

Conversions

Conversions Part 2

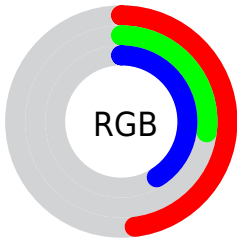
Format	Color
RYB	122, 70, 104
Decimal	8013416
CIELab	36.96, 27.43, -10.26
CIElCh	37, 29.290, 339.493
Yxy	9.5174, 0.3484, 0.2608
Android (android.graphics.Color)	4286203496 (0xFF7A4668)
YUV	89.4240, 7.1860, 28.5692
Hunter-Lab	30.8502, 19.5807, -5.8175

Details

The YUV color $[89.4240, 7.1860, 28.5692]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[102.5760, -7.1860, -28.5692]$, and the grayscale version is $[89.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[140.7340, 7.0331, 30.9283]$, and $[42.1140, 7.3388, 26.2100]$ is the 20% darker color. If you saturate the color by 10%, you get $[81.9240, 8.9115, 35.1467]$, and if you desaturate by 10%, it is $[96.9240, 5.4605, 21.9917]$.

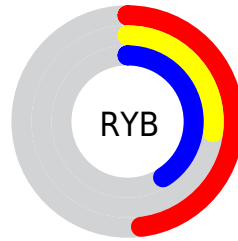
Distribution



Red (48%)

Green (27%)

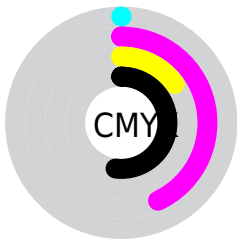
Blue (41%)



Red (48%)

Yellow (27%)

Blue (41%)

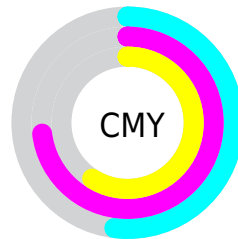


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (52%)



Cyan (52%)

Magenta (73%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4240, 7.1860, 28.5692 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 89.4240, 7.1860, 28.5692 by changing the saturation by 10% instead.

89.4240, 7.1860,
28.5692

89.4240, 7.1860,
28.5692

255.0000, 0.0000,
0.0000

65.4130, 7.1914,
26.8248

140.7340, 7.0331,
30.9283

42.1140, 7.3388,
26.2100

167.1470, 7.3225,
31.4431

18.9290, 7.9230,
25.4953

194.8590, 7.4645,
32.5727

8.9570, 1.9932,
14.0697

220.7770, 8.4909,
30.0136

0.0000, 0.0000,
0.0000

239.1510, 7.8136,
13.8996

89.4240, 7.1860,
28.5692

89.4240, 7.1860,
28.5692

81.9240, 8.9115,
35.1467

96.9240, 5.4605,
21.9917

74.4240, 10.6370,
41.7242

104.4240, 3.7350,
15.4142

66.2230, 12.2151,
48.9164

112.6250, 2.1569,
8.2219

58.7230, 13.9406,
55.4939

120.1250, 0.4314,
1.6444

51.2230, 15.6661,
62.0714

127.6250, -1.2941,
-4.9331

45.5980, 16.9602,
67.0046

135.1250, -3.0196,
-11.5106

142.7390, -4.3083,
-18.1881

150.8260, -6.3232,

-25.2804

■ 158.3260, -8.0487,
-31.8579

Harmonies

Analogous

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



89.4090, 16.5604, 8.4113



89.4240, 7.1860, 28.5692



87.9170, -3.9031, 38.6608

Triad

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



89.4240, 7.1860, 28.5692



84.2080, -22.2875, 8.5876



70.7500, 22.3083, -62.0478

Complementary

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



89.4240, 7.1860, 28.5692



102.5760, -7.1860, -28.5692

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.



68.8290, 12.4093, -60.3630



89.4240, 7.1860, 28.5692



81.3950, -15.9707, -10.8704

Square

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



89.4240, 7.1860, 28.5692



86.2470, -21.3208, 25.2164



75.9710, -2.9437, -35.9316



70.1120, 30.0178, -61.4882

Rectangle

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



89.4240, 7.1860, 28.5692



87.6690, -11.1758, 38.0013



75.9710, -2.9437, -35.9316



70.5390, 18.9613, -61.8627

Sweetspot

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



89.4240, 7.1860, 28.5692



145.4620, 2.7302, 10.9958



81.0110, 20.2076, 5.2524



70.9130, 2.0149, 7.0923



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.4240, 7.1860, 28.5692



107.2610, 11.2103, 44.4981



86.5740, -3.7340, 31.0686



57.2500, 0.8628, 3.2887



46.7230, 17.3916, 68.6489



94.1580, 34.9251, 138.4274

Inverse Universe

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



89.4240, 7.1860, 28.5692



107.2610, 11.2103, 44.4981



105.4260, 3.7340, -31.0686



57.2500, 0.8628, 3.2887



46.7230, 17.3916, 68.6489



94.1580, 34.9251, 138.4274

Previews

White Background



This preview shows how the YUV color 89.4240, 7.1860, 28.5692 looks on a white background.

Color Contrast Check

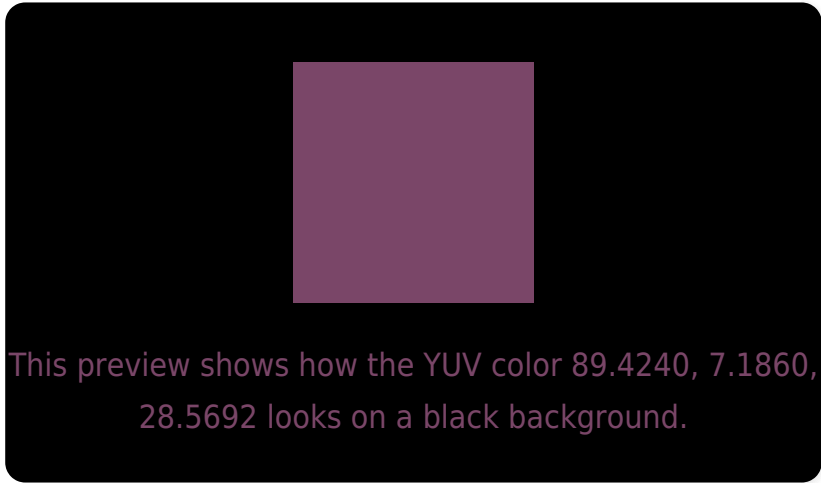
Large Text (above 18pt) WCAG AA ✓ Pass

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

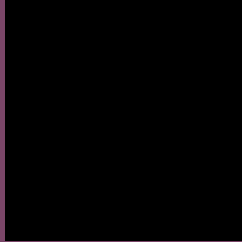
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4240, 7.1860, 28.5692

Background



This preview shows how black text looks on a background with the YUV color 89.4240, 7.1860, 28.5692.



This preview shows how white text looks on a background with the YUV color 89.4240, 7.1860,

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

89.4240, 7.1860, 28.5692

Protanopia

87.3270, 14.1358, -7.3028

Deuteranopia

88.0200, 6.3991, 0.8595



Tritanopia

88.7260, -4.3019, 26.5503

Trichromacy



Original Color

89.4240, 7.1860, 28.5692

Protanomaly

88.1330, 11.7664, 6.0224

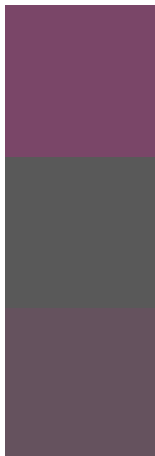
Deuteranomaly

88.7870, 6.5140, 10.7108

Tritanomaly

88.8770, 0.0606, 27.2949

Monochromacy



Original Color

89.4240, 7.1860, 28.5692

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4240, 7.1860, 28.5692 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(122, 70, 104)` looks like.

```
.text, #text, p{  
    color:rgb(122, 70, 104)  
}
```

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(122, 70, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 70, 104) }
```

Border

The CSS property to change the border of an element to YUV 89.4240, 7.1860, 28.5692 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(122, 70, 104) }
```


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

```
.border{ border-color:rgb(122, 70, 104) }
```

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

Here you see how a box with a 4 pixel rgb(122, 70, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 70, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 70, 104);  
box-shadow:4px 4px 4px 4px rgb(122, 70,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 89.4240, 7.1860, 28.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 70, 104) }
```

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

```
.background{ background-color: rgb(122, 70,  
104) }
```

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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