

Converting Colors

YUV(89.9230, 6.9400, 14.0995)

Have a look what the booklet for
YUV(89.9230, 6.9400, 14.0995)
contains.

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Color

**YUV(89.9230, 6.9400,
14.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4F68
RGB	106, 79, 104
RGB Percent	42%, 31%, 41%
CMY	0.5843, 0.6902, 0.5922
CMYK	0.00, 0.25, 0.02, 0.58
HSL	304°, 15%, 36%
HSV	304°, 25%, 42%
XYZ	11.2385, 9.6556, 14.3681
YIQ	89.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

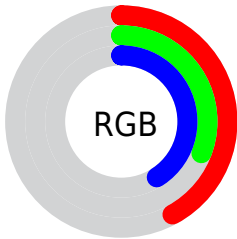
Format	Color
R_{YB}	106, 79, 104
Decimal	6967144
CIE _{Lab}	37.22, 16.03, -10.07
CIE _{LCh}	37, 18.927, 327.861
Yxy	9.6556, 0.3187, 0.2738
Android (android.graphics.Color)	4285157224 (0xFF6A4F68)
YUV	89.9230, 6.9400, 14.0995
Hunter-Lab	31.0735, 10.1806, -5.6637

Details

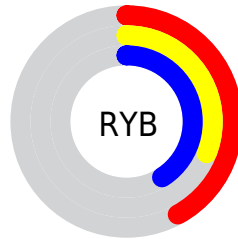
The YUV color **89.9230, 6.9400, 14.0995** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.0770, -6.9400, -14.0995**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0480, 7.3713, 15.7439**, and **43.7980, 6.5086, 12.4552** is the 20% darker color. If you saturate the color by 10%, you get **83.3520, 9.6865, 19.8623**, and if you desaturate by 10%, it is **96.4940, 4.1935, 8.3368**.

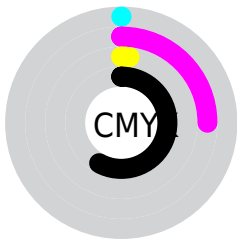
Distribution



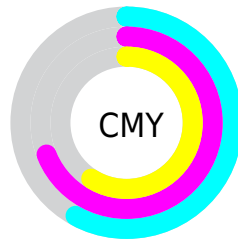
- Red (42%)
- Green (31%)
- Blue (41%)



- Red (42%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (2%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9230, 6.9400, 14.0995 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 89.9230, 6.9400, 14.0995 by changing the saturation by 10% instead.

■ 89.9230, 6.9400,
14.0995

■ 89.9230, 6.9400,
14.0995

■ 255.0000, 0.0000,
0.0000

■ 66.5100, 6.6506,
13.5847

■ 140.0480, 7.3713,
15.7439

■ 43.7980, 6.5086,
12.4552

■ 166.4610, 7.6607,
16.2587

■ 22.3850, 6.2192,
11.9404

■ 193.5750, 8.0975,
16.1587

■ 2.6780, 5.0887,
1.1594

■ 221.8740, 7.9501,
16.7735

■ 0.0000, 0.0000,
0.0000

■ 244.4340, 5.2090,
9.2664

89.9230, 6.9400,
14.0995

89.9230, 6.9400,
14.0995

83.3520, 9.6865,
19.8623

96.4940, 4.1935,
8.3368

77.3680, 12.1436,
25.1103

102.4780, 1.7363,
3.0888

70.9110, 15.3269,
30.7731

108.9350, -1.4470,
-2.5740

64.9270, 17.7840,
36.0210

114.9190, -3.9041,
-7.8220

58.3560, 20.5305,
41.7838

121.4900, -6.6506,
-13.5847

51.7850, 23.2770,
47.5466

128.0610, -9.3971,
-19.3475

45.9150, 26.1709,
52.6945


133.9310,
-12.2910, -24.4955

42.8660, 27.1811,

140.5020,

55.3685

-15.0375, -30.2583

 146.4860,
-17.4946, -35.5062

Harmonies

Analogous

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



88.6160, 12.5143, -0.5402



89.9230, 6.9400, 14.0995



89.4420, -0.2179, 23.2914

Triad

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



89.9230, 6.9400, 14.0995



86.5810, -14.5834, 10.8915



79.2280, 10.7336, -36.1570

Complementary

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



89.9230, 6.9400, 14.0995



95.0770, -6.9400, -14.0995

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.



80.5080, 2.7076, -28.5095



89.9230, 6.9400, 14.0995



85.0740, -12.3615, -1.8189

Square

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



89.9230, 6.9400, 14.0995



87.8040, -12.7214, 20.3429



83.0060, -5.9190, -14.9143



80.9280, 15.8115, -31.5089

Rectangle

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



89.9230, 6.9400, 14.0995



88.9000, -4.8807, 25.5207



83.0060, -5.9190, -14.9143



79.2560, 8.2548, -34.4275

Sweetspot

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



89.9230, 6.9400, 14.0995



131.4290, 2.7465, 5.7628



82.6760, 11.4987, -1.4699



64.7770, 1.5889, 3.7036



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.



89.9230, 6.9400, 14.0995



112.4170, 11.1334, 22.4363



88.4410, 1.2616, 15.3992



50.3640, 1.2995, 3.1888



47.4090, 30.3644, 61.0313



99.1330, 63.0384, 127.9254

Inverse Universe

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



89.9230, 6.9400, 14.0995



112.4170, 11.1334, 22.4363



96.5590, -1.2616, -15.3992



50.3640, 1.2995, 3.1888



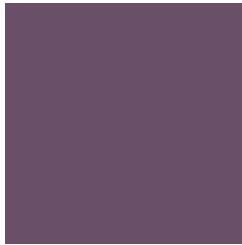
47.4090, 30.3644, 61.0313



99.1330, 63.0384, 127.9254

Previews

White Background



This preview shows how the YUV color 89.9230, 6.9400, 14.0995 looks on a white background.

Color Contrast Check

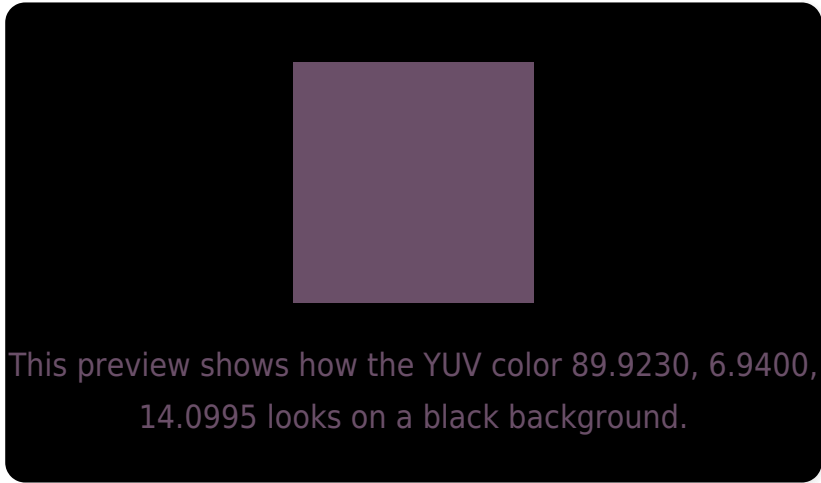
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.9230, 6.9400, 14.0995

Background



This preview shows how black text looks on a background with the YUV color 89.9230, 6.9400, 14.0995.



This preview shows how white text looks on a background with the YUV color 89.9230, 6.9400,

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

89.9230, 6.9400, 14.0995

Protanopia

88.0130, 10.3466, -5.2734

Deuteranopia

88.8350, 6.9833, 0.1447



Tritanopia

89.2620, -0.6222, 12.9252

Trichromacy



Original Color

89.9230, 6.9400, 14.0995

Protanomaly

88.7150, 9.0145, 2.0039

Deuteranomaly

88.8680, 6.9671, 5.3778

Tritanomaly

89.6580, 2.1406, 13.4549

Monochromacy



Original Color

89.9230, 6.9400, 14.0995

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0160, 2.4571, 5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9230, 6.9400, 14.0995 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(106, 79, 104)` looks like.

```
.text, #text, p{  
    color:rgb(106, 79, 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(106, 79, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 79, 104) }
```

Border

The CSS property to change the border of an element to YUV 89.9230, 6.9400, 14.0995 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(106, 79, 104) }
```


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

```
.border{ border-color:rgb(106, 79, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 79, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 79, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 79, 104);  
box-shadow:4px 4px 4px 4px rgb(106, 79,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 89.9230, 6.9400, 14.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 79, 104) }
```

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

```
.background{ background-color: rgb(106, 79,  
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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