

Converting Colors

YUV(88.8670, 32.1106, 14.1486)

Have a look what the booklet for
YUV(88.8670, 32.1106, 14.1486)
contains.

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Color

**YUV(88.8670, 32.1106,
14.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	69449A
RGB	105, 68, 154
RGB Percent	41%, 27%, 60%
CMY	0.5882, 0.7333, 0.3961
CMYK	0.32, 0.56, 0.00, 0.40
HSL	266°, 39%, 44%
HSV	266°, 56%, 60%
XYZ	13.7256, 9.4706, 31.6764
YIQ	88.8670, -5.5540, 34.5900

Conversions

Conversions Part 2

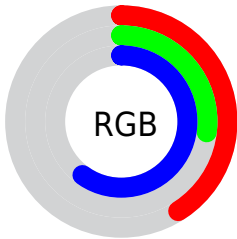
Format	Color
R_{YB}	105, 68, 154
Decimal	6898842
CIE _{Lab}	36.88, 34.41, -41.36
CIE _{LCh}	37, 53.802, 309.762
Yxy	9.4706, 0.2501, 0.1726
Android (android.graphics.Color)	4285088922 (0xFF69449A)
YUV	88.8670, 32.1106, 14.1486
Hunter-Lab	30.7743, 25.7571, -39.4860

Details

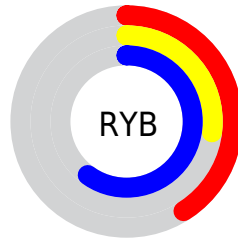
The YUV color **88.8670, 32.1106, 14.1486** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **133.1330, -32.1106, -14.1486**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0460, 33.9943, 16.6227**, and **40.3890, 30.3742, 11.0598** is the 20% darker color. If you saturate the color by 10%, you get **77.3710, 37.7781, 16.3376**, and if you desaturate by 10%, it is **100.3630, 26.4430, 11.9596**.

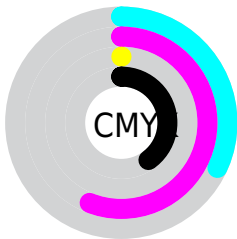
Distribution



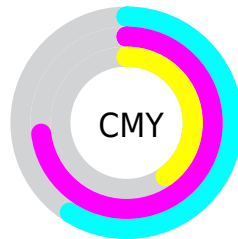
- Red (41%)
- Green (27%)
- Blue (60%)



- Red (41%)
- Yellow (27%)
- Blue (60%)



- Cyan (32%)
- Magenta (56%)
- Yellow (0%)
- Black (40%)



- Cyan (59%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8670, 32.1106, 14.1486 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 88.8670, 32.1106, 14.1486 by changing the saturation by 10% instead.

88.8670, 32.1106,
14.1486

88.8670, 32.1106,
14.1486

255.0000, 0.0000,
0.0000

64.6280, 31.2424,
12.6042

140.0460, 33.9943,
16.6227

40.3890, 30.3742,
11.0598

167.4590, 34.2837,
17.1375

16.6660, 30.2377,
8.1859

193.1450, 30.4945,
19.1668

6.1560, 23.5871,
-5.3988

218.2520, 18.1168,
22.5810

4.8220, 13.3988,
-4.2289

237.9770, 8.3923,
14.9292

0.4560, 1.7472,
-0.3999

0.0000, 0.0000,

0.0000

■ 88.8670, 32.1106,
14.1486

■ 88.8670, 32.1106,
14.1486

■ 77.3710, 37.7781,
16.3376

■ 100.3630, 26.4430,
11.9596

■ 65.2880, 43.7350,
19.0414

■ 112.4460, 20.4861,
9.2559

■ 54.0910, 49.2551,
21.8452

■ 123.6430, 14.9660,
6.4521

■ 42.0080, 55.2121,
24.5490

■ 135.7260, 9.0091,
3.7483

■ 37.2900, 57.5380,
25.1787

■ 147.2220, 3.3416,
1.5593

■ 158.7180, -2.3260,
-0.6297

■ 170.5020, -8.1355,
-3.9483

■ 181.9980,
-13.8030, -6.1372

■ 194.0810,
-19.7599, -8.8410

Harmonies

Analogous

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



71.3780, 50.0996, -62.5985



88.8670, 32.1106, 14.1486



84.1190, 16.7033, 56.0236

Triad

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



88.8670, 32.1106, 14.1486



82.0090, -40.4304, 41.2111



73.6220, 13.0044, -64.5665

Complementary

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



88.8670, 32.1106, 14.1486



133.1330, -32.1106, -14.1486

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.



67.3180, -6.0728, -59.0379



88.8670, 32.1106, 14.1486



80.0500, -39.4646, 11.3572

Square

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



88.8670, 32.1106, 14.1486



80.3320, -23.3347, 64.6068



71.5400, -32.8042, -25.0296



77.7090, 31.2025, -68.1508

Rectangle

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



88.8670, 32.1106, 14.1486



79.1180, 4.8718, 70.9335



71.5400, -32.8042, -25.0296



71.9120, 6.4524, -63.0668

Sweetspot

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



88.8670, 32.1106, 14.1486



175.3610, 12.6400, 5.8224



107.1540, 23.0951, -34.3381



86.6720, 7.5567, 2.9187



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



88.8670, 32.1106, 14.1486



99.0310, 50.2707, 22.7748



101.4250, 25.9195, 39.9693



70.8090, 3.0522, 1.0445



33.9000, 52.3073, 22.8897



2.9770, 4.9413, 1.7742

Inverse Universe

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



99.3000, 8.7261, 47.9719



115.1430, 13.7335, 75.2966



120.5750, -25.9195, -39.9693



71.8480, 0.5679, 4.5183



50.9800, 14.3069, 78.0705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 88.8670, 32.1106, 14.1486 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



This preview shows how the YUV color 88.8670, 32.1106, 14.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

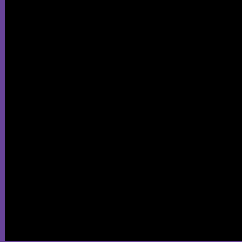
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.8670, 32.1106, 14.1486

Background



This preview shows how black text looks on a background with the YUV color 88.8670, 32.1106, 14.1486.



This preview shows how white text looks on a background with the YUV color 88.8670, 32.1106,

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

88.8670, 32.1106, 14.1486

Protanopia

78.9680, 45.3718, -39.4369

Deuteranopia

80.4170, 34.3044, -36.3227



Tritanopia

87.4890, 1.7309, 4.8331

Trichromacy



Original Color

88.8670, 32.1106, 14.1486

Protanomaly

82.5360, 40.6548, -19.7641

Deuteranomaly

83.5980, 33.2292, -18.0644

Tritanomaly

87.7850, 12.9240, 8.0816

Monochromacy



Original Color

88.8670, 32.1106, 14.1486

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8340, 11.9138, 5.4076

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8670, 32.1106, 14.1486 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, 68, 154)` looks like.

```
.text, #text, p{  
    color:rgb(105, 68, 154)  
}
```

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, 68, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 68, 154) }
```

Border

The CSS property to change the border of an element to YUV 88.8670, 32.1106, 14.1486 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, 68, 154) }
```


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

```
.border{ border-color:rgb(105, 68, 154) }
```

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

Here you see how a box with a 4 pixel rgb(105, 68, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 68, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 68, 154);  
box-shadow:4px 4px 4px 4px rgb(105, 68,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 88.8670, 32.1106, 14.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 68, 154) }
```

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

```
.background{ background-color: rgb(105, 68,  
154) }
```

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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