

Converting Colors

YUV(84.7300, 12.9511, -0.6402)

Have a look what the booklet for
YUV(84.7300, 12.9511, -0.6402)
contains.

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Color

**YUV(84.7300, 12.9511,
-0.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	54506F
RGB	84, 80, 111
RGB Percent	33%, 31%, 44%
CMY	0.6706, 0.6863, 0.5647
CMYK	0.24, 0.28, 0.00, 0.56
HSL	248°, 16%, 37%
HSV	248°, 28%, 44%
XYZ	9.3941, 8.7698, 16.2366
YIQ	84.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

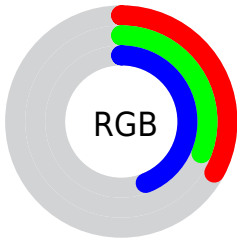
Format	Color
R_{YB}	84, 80, 111
Decimal	5525615
CIE Lab	35.54, 9.03, -17.20
CIE LCh	36, 19.427, 297.704
Yxy	8.7698, 0.2731, 0.2549
Android (android.graphics.Color)	4283715695 (0xFF54506F)
YUV	84.7300, 12.9511, -0.6402
Hunter-Lab	29.6139, 4.7990, -11.7775

Details

The YUV color **84.7300, 12.9511, -0.6402** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **106.2700, -12.9511, 0.6402**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3710, 14.1141, -0.3254**, and **39.6760, 11.4987, -1.4699** is the 20% darker color. If you saturate the color by 10%, you get **75.2830, 17.6085, -1.1252**, and if you desaturate by 10%, it is **94.1770, 8.2937, -0.1552**.

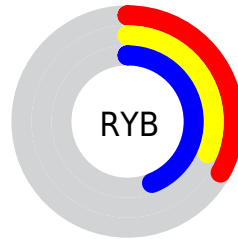
Distribution



Red (33%)

Green (31%)

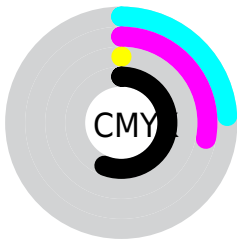
Blue (44%)



Red (33%)

Yellow (31%)

Blue (44%)

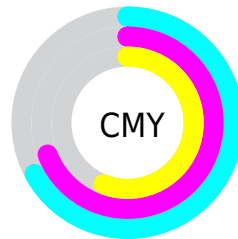


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.7300, 12.9511, -0.6402 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 84.7300, 12.9511, -0.6402 by changing the saturation by 10% instead.

■ 84.7300, 12.9511,
-0.6402

■ 84.7300, 12.9511,
-0.6402

■ 255.0000, 0.0000,
0.0000

■ 61.3170, 12.6617,
-1.1550

■ 134.3710, 14.1141,
-0.3254

■ 39.6760, 11.4987,
-1.4699

■ 160.4850, 14.5509,
-0.4253

■ 18.5620, 11.0619,
-1.3699

■ 187.8980, 14.8403,
0.0895

■ 2.8670, 8.4466,
-2.5144

■ 215.5990, 14.9877,
-0.5253

■ 0.0000, 0.0000,
0.0000

■ 241.7320, 6.5411,
1.9890

■ 84.7300, 12.9511,
-0.6402

■ 84.7300, 12.9511,
-0.6402

■ 75.2830, 17.6085,
-1.1252

■ 94.1770, 8.2937,
-0.1552

■ 66.1350, 22.1184,
-0.9954

■ 103.3250, 3.7838,
-0.2850

■ 56.6880, 26.7758,
-1.4804

■ 112.7720, -0.8736,
0.2000

■ 47.2410, 31.4332,
-1.9654

■ 122.2190, -5.5310,
0.6849

■ 38.0930, 35.9432,
-1.8356

■ 131.9540,
-10.3303, 0.0403

■ 28.0590, 40.8899,
-1.8057

■ 141.4010,
-14.9877, 0.5253

■ 18.6120, 45.5473,
-2.2907

■ 150.8480,
-19.6451, 1.0103

■ 16.8400, 46.4209,

■ 159.9960,

-2.4907

-24.1550, 0.8805

■ 169.4430,
-28.8124, 1.3655

Harmonies

Analogous

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



81.1300, 16.2049, -17.6540



84.7300, 12.9511, -0.6402



85.9230, 6.9400, 14.0995

Triad

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



84.7300, 12.9511, -0.6402



84.1030, -12.8688, 20.9577



76.2090, 2.8550, -29.1243

Complementary

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



84.7300, 12.9511, -0.6402



106.2700, -12.9511, 0.6402

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.



78.7070, -5.7716, -15.5290



84.7300, 12.9511, -0.6402



82.5810, -14.5834, 10.8915

Square

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



84.7300, 12.9511, -0.6402



84.9170, -7.3541, 25.5058



81.0740, -12.3615, -1.8189



74.3310, 11.1758, -38.0013

Rectangle

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



84.7300, 12.9511, -0.6402



86.1150, 2.4083, 20.9471



81.0740, -12.3615, -1.8189



77.3190, -0.6503, -24.8358

Sweetspot

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



84.7300, 12.9511, -0.6402



135.5530, 4.6574, -0.4850



99.3830, 5.7272, -16.9989



68.0970, 2.9102, -0.0851



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.



84.7300, 12.9511, -0.6402



103.3800, 20.5187, -1.2103



89.2150, 10.7400, 8.5814



50.9830, 2.4734, 0.0149



18.1650, 50.2047, -2.7757



37.7260, 103.1721, -5.0217

Inverse Universe

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



92.3470, 7.2239, 16.3587



115.5530, 11.5594, 25.8250



101.7850, -10.7400, -8.5814



52.3640, 1.2995, 3.1888



47.7360, 27.7382, 63.3755



98.3630, 57.5020, 130.3546

Previews

White Background



This preview shows how the YUV color 84.7300, 12.9511, -0.6402 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 84.7300, 12.9511, -0.6402 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 84.7300, 12.9511, -0.6402

Background



This preview shows how black text looks on a background with the YUV color 84.7300, 12.9511, -0.6402.



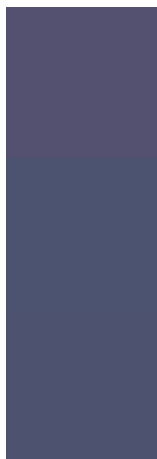
This preview shows how white text looks on a background with the YUV color 84.7300, 12.9511,

-0.6402.

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

84.7300, 12.9511, -0.6402

Protanopia

84.0280, 14.2832, -7.9176

Deuteranopia

83.8110, 13.4042, -5.9732



Tritanopia

83.6020, 3.6472, -3.1590

Trichromacy



Original Color

84.7300, 12.9511, -0.6402

Protanomaly

84.2240, 13.6936, -5.4584

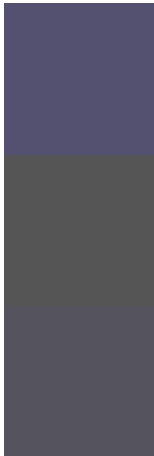
Deuteranomaly

84.1210, 13.2513, -3.6141

Tritanomaly

84.1120, 6.8468, -2.7292

Monochromacy



Original Color

84.7300, 12.9511, -0.6402

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7300, 12.9511, -0.6402 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(84, 80, 111)` looks like.

```
.text, #text, p{  
    color:rgb(84, 80, 111)  
}
```

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(84, 80, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 80, 111) }
```

Border

The CSS property to change the border of an element to YUV 84.7300, 12.9511, -0.6402 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(84, 80, 111) }
```


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

```
.border{ border-color:rgb(84, 80, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 80, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 80, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 80, 111);  
box-shadow:4px 4px 4px 4px rgb(84, 80,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 84.7300, 12.9511, -0.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 80, 111) }
```

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

```
.background{ background-color: rgb(84, 80,  
111) }
```

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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