

Converting Colors

YUV(83.8740, 24.7121, 7.1265)

Have a look what the booklet for
YUV(83.8740, 24.7121, 7.1265)
contains.

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Color

**YUV(83.8740, 24.7121,
7.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4686
RGB	92, 70, 134
RGB Percent	36%, 27%, 53%
CMY	0.6392, 0.7255, 0.4745
CMYK	0.31, 0.48, 0.00, 0.47
HSL	261°, 31%, 40%
HSV	261°, 48%, 53%
XYZ	10.9069, 8.3769, 23.5963
YIQ	83.8740, -7.4320, 24.5680

Conversions

Conversions Part 2

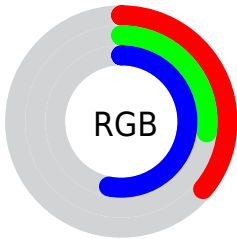
Format	Color
RYB	92, 70, 134
Decimal	6047366
CIELab	34.76, 24.20, -32.62
CIElCh	35, 40.617, 306.567
Yxy	8.3769, 0.2544, 0.1954
Android (android.graphics.Color)	4284237446 (0xFF5C4686)
YUV	83.8740, 24.7121, 7.1265
Hunter-Lab	28.9428, 16.6164, -28.0776

Details

The YUV color **83.8740, 24.7121, 7.1265** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.1260, -24.7121, -7.1265**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3410, 26.4539, 8.4709**, and **37.3960, 22.9758, 4.0377** is the 20% darker color. If you saturate the color by 10%, you get **73.5520, 29.8009, 8.2859**, and if you desaturate by 10%, it is **94.1960, 19.6234, 5.9671**.

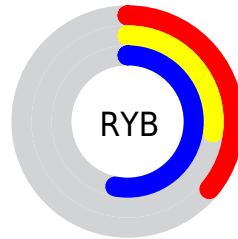
Distribution



Red (36%)

Green (27%)

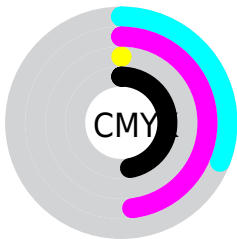
Blue (53%)



Red (36%)

Yellow (27%)

Blue (53%)

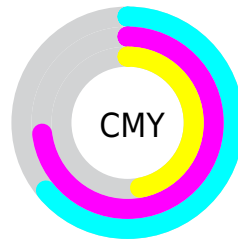


Cyan (31%)

Magenta (48%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8740, 24.7121, 7.1265 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 83.8740, 24.7121, 7.1265 by changing the saturation by 10% instead.

■ 83.8740, 24.7121,
7.1265

■ 83.8740, 24.7121,
7.1265

■ 255.0000, 0.0000,
0.0000

■ 59.9340, 23.6965,
6.1969

■ 134.3410, 26.4539,
8.4709

■ 37.3960, 22.9758,
4.0377

■ 160.8680, 27.1801,
8.8858

■ 14.2820, 22.5390,
4.1377

■ 187.6940, 27.7589,
9.9154

■ 4.9190, 16.3089,
-4.3140

■ 213.7560, 20.3333,
11.6150

■ 2.2970, 6.2626,
-2.0145

■ 238.5640, 8.1029,
14.4144

■ 0.0000, 0.0000,
0.0000

■ 83.8740, 24.7121,
7.1265

■ 83.8740, 24.7121,
7.1265

■ 73.5520, 29.8009,
8.2859

■ 94.1960, 19.6234,
5.9671

■ 62.6430, 35.1790,
9.9601

■ 105.1050, 14.2452,
4.2929

■ 52.6200, 40.1203,
11.7343

■ 115.1280, 9.3039,
2.5187

■ 41.7110, 45.4985,
13.4085

■ 126.0370, 3.9258,
0.8446

■ 31.3890, 50.5872,
14.5678

■ 136.3590, -1.1630,
-0.3148

■ 29.0300, 51.7502,
14.8827

■ 146.6810, -6.2517,
-1.4742

■ 157.5900,
-11.6299, -3.1484

■ 167.6130,

-16.5712, -4.9226

■ 178.5220,
-21.9493, -6.5968

Harmonies

Analogous

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



69.2520, 37.8368, -49.3330



83.8740, 24.7121, 7.1265



82.8580, 12.3950, 37.8355

Triad

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



83.8740, 24.7121, 7.1265



79.1250, -29.6416, 34.0934



66.9710, 10.3673, -58.7336

Complementary

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



83.8740, 24.7121, 7.1265



120.1260, -24.7121, -7.1265

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.



62.0350, -3.4683, -54.4047



83.8740, 24.7121, 7.1265



76.4400, -34.2339, 13.6461

Square

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



83.8740, 24.7121, 7.1265



79.2530, -16.8867, 49.7671



73.3100, -23.8168, -14.3039



70.0320, 24.6342, -61.4181

Rectangle

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



83.8740, 24.7121, 7.1265



80.8180, 3.0477, 49.2716



73.3100, -23.8168, -14.3039



65.7170, 5.5625, -57.6338

Sweetspot

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



83.8740, 24.7121, 7.1265



154.1280, 9.3039, 2.5187



102.5370, 15.5113, -28.5349



75.2050, 5.8149, 1.5742



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



83.8740, 24.7121, 7.1265



96.3380, 37.7944, 11.1046



93.1430, 20.1425, 26.1846



61.2820, 2.3260, 0.6297



28.2750, 50.1504, 14.6678



0.6410, 1.1630, 0.3148

Inverse Universe

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



93.9240, 8.9115, 35.1467



111.5980, 13.5092, 53.8496



110.8570, -20.1425, -26.1846



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 83.8740, 24.7121, 7.1265 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 83.8740, 24.7121, 7.1265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

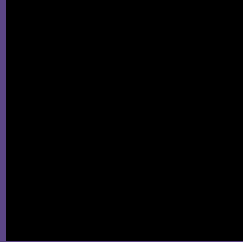
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8740, 24.7121, 7.1265

Background



This preview shows how black text looks on a background with the YUV color 83.8740, 24.7121, 7.1265.



This preview shows how white text looks on a background with the YUV color 83.8740, 24.7121,

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

83.8740, 24.7121, 7.1265

Protanopia

79.1090, 31.4983, -22.8976

Deuteranopia

78.9150, 25.6779, -22.7275



Tritanopia

82.2820, 2.3260, 0.6297

Trichromacy



Original Color

83.8740, 24.7121, 7.1265

Protanomaly

80.6050, 29.2817, -11.9316

Deuteranomaly

80.8670, 25.2086, -12.1614

Tritanomaly

82.7690, 10.4669, 2.8336

Monochromacy



Original Color

83.8740, 24.7121, 7.1265

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0140, 8.8671, 2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8740, 24.7121, 7.1265 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(92, 70, 134)` looks like.

```
.text, #text, p{  
    color:rgb(92, 70, 134)  
}
```

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(92, 70, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 70, 134) }
```

Border

The CSS property to change the border of an element to YUV 83.8740, 24.7121, 7.1265 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(92, 70, 134) }
```


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

```
.border{ border-color:rgb(92, 70, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 70, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 70, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 70, 134);  
box-shadow:4px 4px 4px 4px rgb(92, 70,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 83.8740, 24.7121, 7.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 70, 134) }
```

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

```
.background{ background-color: rgb(92, 70,  
134) }
```

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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