

Converting Colors

YUV(84.2040, 14.1964, 19.9921)

Have a look what the booklet for
YUV(84.2040, 14.1964, 19.9921)
contains.

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Color

**YUV(84.2040, 14.1964,
19.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4371
RGB	107, 67, 113
RGB Percent	42%, 26%, 44%
CMY	0.5804, 0.7373, 0.5569
CMYK	0.05, 0.41, 0.00, 0.56
HSL	292°, 26%, 35%
HSV	292°, 41%, 44%
XYZ	11.0512, 8.3324, 16.6486
YIQ	84.2040, 9.0740, 22.7860

Conversions

Conversions Part 2

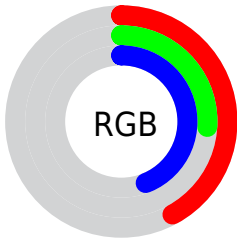
Format	Color
R_{YB}	107, 67, 113
Decimal	7029617
CIE _{Lab}	34.67, 25.65, -19.59
CIE _{LCh}	35, 32.279, 322.629
Yxy	8.3324, 0.3067, 0.2312
Android (android.graphics.Color)	4285219697 (0xFF6B4371)
YUV	84.2040, 14.1964, 19.9921
Hunter-Lab	28.8658, 17.8230, -13.9900

Details

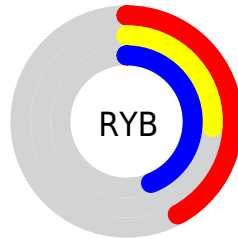
The YUV color **84.2040, 14.1964, 19.9921** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.7960, -14.1964, -19.9921**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4430, 15.0646, 21.5365**, and **37.6660, 13.4757, 17.8329** is the 20% darker color. If you saturate the color by 10%, you get **77.4480, 17.5271, 25.0401**, and if you desaturate by 10%, it is **90.9600, 10.8657, 14.9441**.

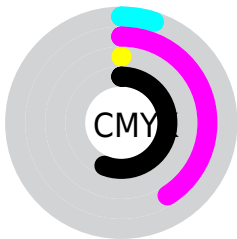
Distribution



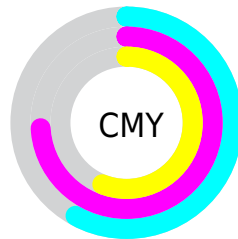
- Red (42%)
- Green (26%)
- Blue (44%)



- Red (42%)
- Yellow (26%)
- Blue (44%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (74%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2040, 14.1964, 19.9921 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 84.2040, 14.1964, 19.9921 by changing the saturation by 10% instead.

84.2040, 14.1964,
19.9921

84.2040, 14.1964,
19.9921

255.0000, 0.0000,
0.0000

60.3780, 13.6176,
18.9625

134.4430, 15.0646,
21.5365

37.6660, 13.4757,
17.8329

161.1550, 15.2066,
22.6661

15.6660, 13.4757,
17.8329

188.5680, 15.4960,
23.1809

2.3940, 9.1728,
-2.0995

216.0950, 16.2222,
23.5957

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 84.2040, 14.1964,
19.9921

■ 84.2040, 14.1964,
19.9921

■ 77.4480, 17.5271,
25.0401

■ 90.9600, 10.8657,
14.9441

■ 69.8060, 21.2946,
29.9881

■ 98.6020, 7.0982,
9.9960

■ 63.0500, 24.6254,
35.0362

■ 105.3580, 3.7675,
4.9480

■ 55.9950, 28.1035,
39.4694

■ 112.4130, 0.2894,
0.5148

■ 49.2390, 31.4342,
44.5174

■ 119.7560, -3.3307,
-5.0480

■ 42.1840, 34.9123,
48.9506

■ 126.8110, -6.8088,
-9.4812

■ 133.5670,
-10.1395, -14.5293

■ 140.6220,
-13.6176, -18.9625

■ 147.9650,
-17.2377, -24.5253

Harmonies

Analogous

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



81.7320, 23.3031, -7.6580



84.2040, 14.1964, 19.9921



82.7410, 3.0857, 37.0611

Triad

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



84.2040, 14.1964, 19.9921



79.5900, -24.9409, 19.6536



66.5780, 16.4770, -58.3889

Complementary

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



84.2040, 14.1964, 19.9921



95.7960, -14.1964, -19.9921

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.



63.6140, 5.1203, -55.7895



84.2040, 14.1964, 19.9921



77.1530, -22.2604, -0.1342

Square

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



84.2040, 14.1964, 19.9921



80.4700, -19.4587, 34.6678



72.7570, -11.7122, -23.4659



67.9120, 26.6654, -59.5588

Rectangle

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



84.2040, 14.1964, 19.9921



81.4120, -4.6401, 41.7347



72.7570, -11.7122, -23.4659



65.6660, 12.9827, -57.5891

Sweetspot

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



84.2040, 14.1964, 19.9921



136.8360, 5.5039, 8.0368



75.7660, 18.3564, -7.6878



67.8310, 3.0413, 4.5332



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.



84.2040, 14.1964, 19.9921



102.1590, 22.5996, 31.4326



84.0600, 5.8864, 25.3804



52.1790, 1.8838, 2.4740



44.7760, 37.0854, 51.9394



92.4430, 76.1966, 107.4825

Inverse Universe

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



81.4380, -4.1599, 27.6799



97.9670, -6.3927, 43.8789



95.9400, -5.8864, -25.3804



51.9080, -0.4476, 3.5887



37.7040, -10.7001, 72.1736



77.5010, -22.4320, 148.6506

Previews

White Background



This preview shows how the YUV color 84.2040, 14.1964, 19.9921 looks on a white background.

Color Contrast Check

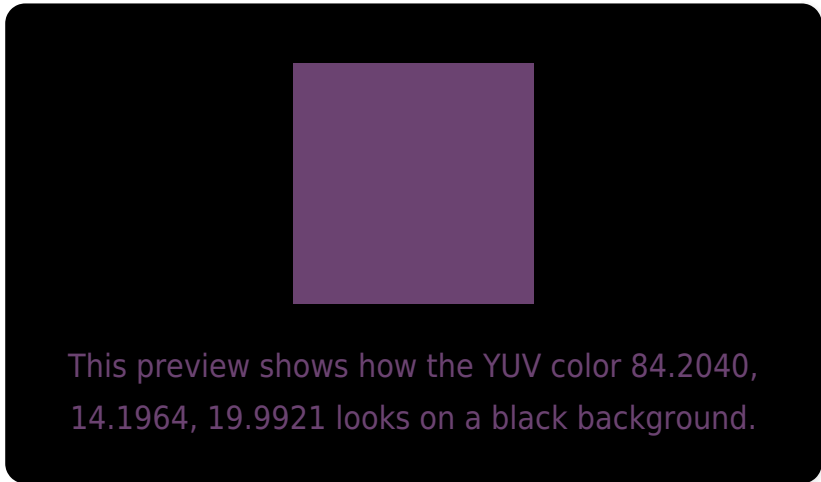
Large Text (above 18pt) WCAG AA ✓ Pass

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

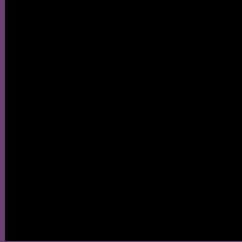
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2040, 14.1964, 19.9921

Background



This preview shows how black text looks on a background with the YUV color 84.2040, 14.1964, 19.9921.



This preview shows how white text looks on a background with the YUV color 84.2040, 14.1964,

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

84.2040, 14.1964, 19.9921

Protanopia

81.1290, 21.1354, -12.3911

Deuteranopia

82.2130, 13.6990, -7.2028



Tritanopia

83.0560, -1.5066, 16.6139

Trichromacy



Original Color

84.2040, 14.1964, 19.9921

Protanomaly

82.2230, 18.6241, -0.1956

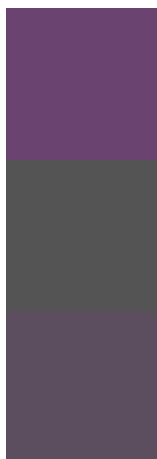
Deuteranomaly

82.9800, 13.8139, 2.6485

Tritanomaly

83.2610, 4.3083, 18.1881

Monochromacy



Original Color

84.2040, 14.1964, 19.9921

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1240, 5.3619, 6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2040, 14.1964, 19.9921 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(107, 67, 113)` looks like.

```
.text, #text, p{  
    color:rgb(107, 67, 113)  
}
```

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(107, 67, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 67, 113) }
```

Border

The CSS property to change the border of an element to YUV 84.2040, 14.1964, 19.9921 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(107, 67, 113) }
```


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

```
.border{ border-color:rgb(107, 67, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 67, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 67, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 67, 113);  
box-shadow:4px 4px 4px 4px rgb(107, 67,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 84.2040, 14.1964, 19.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 67, 113) }
```

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

```
.background{ background-color: rgb(107, 67,  
113) }
```

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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