

Converting Colors

YUV(84.1420, 22.1150, 93.7145)

Have a look what the booklet for
YUV(84.1420, 22.1150, 93.7145)
contains.

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Color

**YUV(84.1420, 22.1150,
93.7145)**

Conversions

Conversions Part 1

Format	Color
Hex	BF1581
RGB	191, 21, 129
RGB Percent	75%, 8%, 51%
CMY	0.2510, 0.9176, 0.4941
CMYK	0.00, 0.89, 0.32, 0.25
HSL	322°, 80%, 42%
HSV	322°, 89%, 75%
XYZ	25.7165, 13.1977, 21.9609
YIQ	84.1420, 66.6520, 69.6280

Conversions

Conversions Part 2

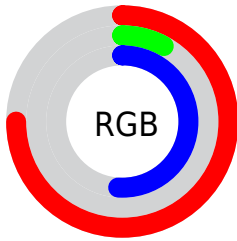
Format	Color
R_{YB}	191, 21, 129
Decimal	12522881
CIE _{Lab}	43.06, 68.82, -15.46
CIE _{LCh}	43, 70.539, 347.337
Yxy	13.1977, 0.4224, 0.2168
Android (android.graphics.Color)	4290712961 (0xFFBF1581)
YUV	84.1420, 22.1150, 93.7145
Hunter-Lab	36.3286, 62.7824, -10.4112

Details

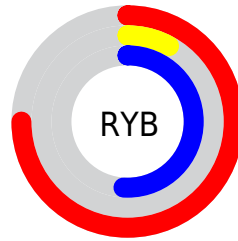
The YUV color **84.1420, 22.1150, 93.7145** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **127.8580, -22.1150, -93.7145**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1000, 15.7267, 89.3663**, and **48.5880, 15.4861, 73.1523** is the 20% darker color. If you saturate the color by 10%, you get **72.1910, 24.5558, 104.1955**, and if you desaturate by 10%, it is **96.0930, 19.6742, 83.2334**.

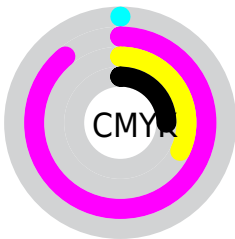
Distribution



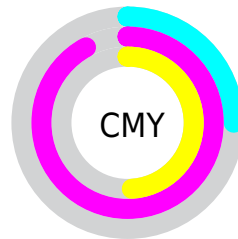
- Red (75%)
- Green (8%)
- Blue (51%)



- Red (75%)
- Yellow (8%)
- Blue (51%)



- Cyan (0%)
- Magenta (89%)
- Yellow (32%)
- Black (25%)





- Cyan (25%)
- Magenta (92%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.1420, 22.1150, 93.7145 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 84.1420, 22.1150, 93.7145 by changing the saturation by 10% instead.


 84.1420, 22.1150,
93.7145


 84.1420, 22.1150,
93.7145

255.0000, 0.0000,
0.0000


 59.9950, 21.6945,
88.5814

 150.1000, 15.7267,
89.3663


 48.5880, 15.4861,
73.1523


 171.2120, 19.1225,
73.4821


 37.2950, 9.7146,
57.6233


 191.4270, 22.9605,
55.7535

 26.7140, 4.0850,
43.2238

 210.3880, 21.9937,
39.1247

 15.4920, -2.7076,
28.5095

 227.9980, 13.3120,
23.6808

 0.0000, 0.0000,
0.0000

 245.6080, 4.6303,

■ 84.1420, 22.1150,
93.7145

■ 84.1420, 22.1150,
93.7145

■ 72.1910, 24.5558,
104.1955

■ 96.0930, 19.6742,
83.2334

■ 70.9030, 24.6978,
105.3251

■ 108.0440, 17.2333,
72.7524

■ 119.9950, 14.7925,
62.2714

■ 131.9460, 12.3516,
51.7904

■ 144.4840, 9.6214,
40.7945

■ 156.4350, 7.1805,
30.3135

■ 168.3860, 4.7397,
19.8325

■ 180.3370, 2.2989,
9.3515

■ 192.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



102.5460, 39.1708, 36.3552



84.1420, 22.1150, 93.7145



76.9980, -2.9570, 108.7498

Triad

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



84.1420, 22.1150, 93.7145



91.7900, -45.2525, 1.0612



94.1060, 45.7967, -82.5310

Complementary

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



84.1420, 22.1150, 93.7145



127.8580, -22.1150, -93.7145

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.



89.3520, 22.5045, -78.3617



84.1420, 22.1150, 93.7145



70.4400, -34.7269, -61.7759

Square

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



84.1420, 22.1150, 93.7145



95.8860, -47.2718, 42.1960



81.8110, -3.8508, -71.7482



92.8300, 61.2158, -81.4119

Rectangle

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



84.1420, 22.1150, 93.7145



87.8730, -27.0524, 90.4424



81.8110, -3.8508, -71.7482



93.5700, 38.6660, -82.0609

Sweetspot

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



84.1420, 22.1150, 93.7145



205.5220, 8.6167, 36.3762



58.0210, 65.5586, 19.2756



99.8100, 5.0237, 22.0916



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



84.1420, 22.1150, 93.7145



91.7510, 32.1678, 136.1534



74.7940, -13.7024, 101.9127



88.3750, 1.2941, 4.9331



58.6420, 20.3895, 87.1370



11.4350, 3.7295, 17.1585

Inverse Universe

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



84.1420, 22.1150, 93.7145



91.7510, 32.1678, 136.1534



137.2060, 13.7024, -101.9127



88.3750, 1.2941, 4.9331



58.6420, 20.3895, 87.1370



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 84.1420, 22.1150, 93.7145 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

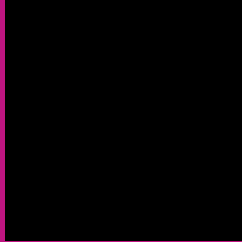
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.1420, 22.1150, 93.7145

Background



This preview shows how black text looks on a background with the YUV color 84.1420, 22.1150, 93.7145.



This preview shows how white text looks on a background with the YUV color 84.1420, 22.1150,

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

84.1420, 22.1150, 93.7145

Protanopia

99.6550, 40.1031, -29.5154

Deuteranopia

104.4760, 8.1463, 0.4595



Tritanopia

93.6960, -18.5841, 80.9506

Trichromacy



Original Color

84.1420, 22.1150, 93.7145



Protanomaly

93.9210, 33.5629, 14.9783



Deuteranomaly

97.0640, 13.2794, 34.1469



Tritanomaly

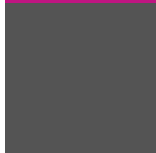
90.3280, -3.6127, 85.6583

Monochromacy



Original Color

84.1420, 22.1150, 93.7145



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.9840, 7.8959, 34.2170

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1420, 22.1150, 93.7145 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(191, 21, 129)` looks like.

```
.text, #text, p{  
    color:rgb(191, 21, 129)  
}
```

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(191, 21, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 21, 129) }
```

Border

The CSS property to change the border of an element to YUV 84.1420, 22.1150, 93.7145 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(191, 21, 129) }
```


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

```
.border{ border-color:rgb(191, 21, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 21, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 21, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 21, 129); box-shadow:4px 4px 4px 4px rgb(191, 21, 129) }
```

Background

The CSS property to change the background color of an element to YUV 84.1420, 22.1150, 93.7145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 21, 129) }
```

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

```
.background{ background-color: rgb(191, 21,  
129) }
```

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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