

Converting Colors

YUV(89.1170, 30.0153, 79.7044)

Have a look what the booklet for
YUV(89.1170, 30.0153, 79.7044)
contains.

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Color

**YUV(89.1170, 30.0153,
79.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	B41F96
RGB	180, 31, 150
RGB Percent	71%, 12%, 59%
CMY	0.2941, 0.8784, 0.4118
CMYK	0.00, 0.83, 0.17, 0.29
HSL	312°, 71%, 41%
HSV	312°, 83%, 71%
XYZ	24.8174, 12.8853, 30.0332
YIQ	89.1170, 50.6050, 68.5970

Conversions

Conversions Part 2

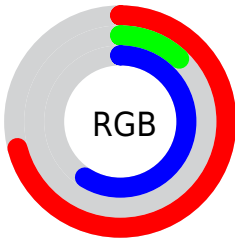
Format	Color
R_{YB}	180, 31, 150
Decimal	11804566
CIE _{Lab}	42.59, 67.03, -29.17
CIE _{LCh}	43, 73.108, 336.482
Yxy	12.8853, 0.3664, 0.1902
Android (android.graphics.Color)	4289994646 (0xFFB41F96)
YUV	89.1170, 30.0153, 79.7044
Hunter-Lab	35.8961, 60.5911, -24.4790

Details

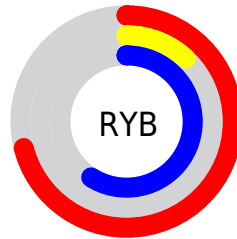
The YUV color **89.1170, 30.0153, 79.7044** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **121.8830, -30.0153, -79.7044**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1830, 26.5318, 77.0155**, and **48.0630, 25.1119, 65.7197** is the 20% darker color. If you saturate the color by 10%, you get **78.0950, 33.4772, 89.3707**, and if you desaturate by 10%, it is **100.1390, 26.5535, 70.0381**.

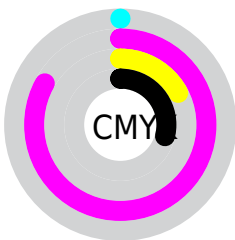
Distribution



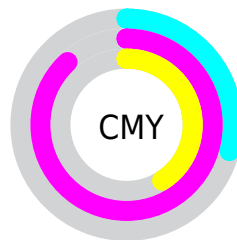
- Red (71%)
- Green (12%)
- Blue (59%)



- Red (71%)
- Yellow (12%)
- Blue (59%)



- Cyan (0%)
- Magenta (83%)
- Yellow (17%)
- Black (29%)





- Cyan (29%)
- Magenta (88%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.1170, 30.0153, 79.7044 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 89.1170, 30.0153, 79.7044 by changing the saturation by 10% instead.


 89.1170, 30.0153,
79.7044


 89.1170, 30.0153,
79.7044


255.0000, 0.0000,
0.0000


 59.2850, 31.9045,
80.4341


 151.1830, 26.5318,
77.0155


 48.0630, 25.1119,
65.7197


 175.5950, 28.3007,
69.6382


 36.8410, 18.3194,
51.0054

 195.1260, 29.5179,
52.5095

 26.2600, 12.6898,
36.6060

 212.1490, 21.1255,
37.5803

 15.6790, 7.0603,
22.2065

 229.1720, 12.7332,
22.6512

 0.0000, 0.0000,
0.0000

 246.7820, 4.0515,

■ 89.1170, 30.0153,
79.7044

■ 89.1170, 30.0153,
79.7044

■ 78.0950, 33.4772,
89.3707

■ 100.1390, 26.5535,
70.0381

■ 70.2360, 36.3657,
96.2630

■ 111.0470, 22.6548,
60.4718

■ 122.0690, 19.1930,
50.8055

■ 132.9770, 15.2943,
41.2392

■ 143.9990, 11.8325,
31.5729

■ 155.0210, 8.3706,
21.9066

■ 165.9290, 4.4720,
12.3403

■ 176.9510, 1.0102,
2.6740

■ 187.9730, -2.4517,
-6.9923

Harmonies

Analogous

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



101.6720, 47.9827, 9.9347



89.1170, 30.0153, 79.7044



70.9570, 9.3882, 115.8017

Triad

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



89.1170, 30.0153, 79.7044



93.9490, -46.3169, 15.8307



92.9830, 38.9554, -81.5461

Complementary

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



89.1170, 30.0153, 79.7044



121.8830, -30.0153, -79.7044

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.



86.2570, 13.1843, -75.6474



89.1170, 30.0153, 79.7044



80.3510, -39.6130, -34.5108

Square

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



89.1170, 30.0153, 79.7044



93.6260, -46.1576, 58.2100



77.6730, -14.6288, -68.1192



94.6080, 57.8743, -82.9712

Rectangle

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



89.1170, 30.0153, 79.7044



76.4680, -12.5557, 107.4606



77.6730, -14.6288, -68.1192



91.4040, 30.3668, -80.1613

Sweetspot

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



89.1170, 30.0153, 79.7044



198.9990, 11.8325, 31.5729



56.9560, 60.6607, 3.5466



95.6570, 7.0711, 18.7178



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



89.1170, 30.0153, 79.7044



92.8710, 46.8986, 124.6471



80.6810, -2.3077, 87.1028



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Inverse Universe

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



89.1170, 30.0153, 79.7044



92.8710, 46.8986, 124.6471



130.3190, 2.3077, -87.1028



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 89.1170, 30.0153, 79.7044 looks on a white background.

Color Contrast Check

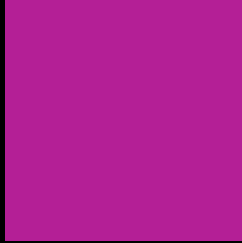
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 89.1170, 30.0153, 79.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

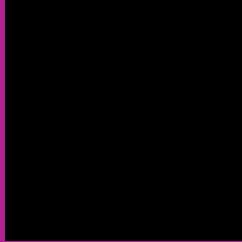
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1170, 30.0153, 79.7044

Background



This preview shows how black text looks on a background with the YUV color 89.1170, 30.0153, 79.7044.



This preview shows how white text looks on a background with the YUV color 89.1170, 30.0153,

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

89.1170, 30.0153, 79.7044

Protanopia

89.2680, 57.0559, -53.7320

Deuteranopia

101.9720, 19.2408, -11.3764



Tritanopia

97.0470, -14.3202, 66.6108

Trichromacy



Original Color

89.1170, 30.0153, 79.7044



Protanomaly

89.3450, 47.1579, -5.5646



Deuteranomaly

97.5060, 22.9215, 21.4812



Tritanomaly

94.3200, 1.8142, 71.6334

Monochromacy



Original Color

89.1170, 30.0153, 79.7044



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.0480, 10.8223, 28.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1170, 30.0153, 79.7044 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(180, 31, 150)` looks like.

```
.text, #text, p{  
    color:rgb(180, 31, 150)  
}
```

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(180, 31, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 31, 150) }
```

Border

The CSS property to change the border of an element to YUV 89.1170, 30.0153, 79.7044 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(180, 31, 150) }
```


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

```
.border{ border-color:rgb(180, 31, 150) }
```

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

Here you see how a box with a 4 pixel rgb(180, 31, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 31, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 31, 150);  
box-shadow:4px 4px 4px 4px rgb(180, 31,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 89.1170, 30.0153, 79.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 31, 150) }
```

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

```
.background{ background-color: rgb(180, 31,  
150) }
```

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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