

Converting Colors

YUV(89.9290, 21.7270, 78.1153)

Have a look what the booklet for
YUV(89.9290, 21.7270, 78.1153)
contains.

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Color

**YUV(89.9290, 21.7270,
78.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	B32486
RGB	179, 36, 134
RGB Percent	70%, 14%, 53%
CMY	0.2980, 0.8588, 0.4745
CMYK	0.00, 0.80, 0.25, 0.30
HSL	319°, 67%, 42%
HSV	319°, 80%, 70%
XYZ	23.5244, 12.5667, 23.7400
YIQ	89.9290, 53.7700, 60.7940

Conversions

Conversions Part 2

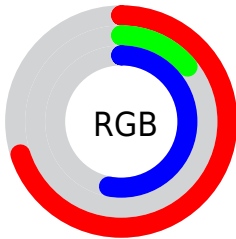
Format	Color
RYB	179, 36, 134
Decimal	11740294
CIELab	42.10, 63.48, -20.20
CIElCh	42, 66.620, 342.351
Yxy	12.5667, 0.3932, 0.2100
Android (android.graphics.Color)	4289930374 (0xFFB32486)
YUV	89.9290, 21.7270, 78.1153
Hunter-Lab	35.4495, 56.4162, -14.8909

Details

The YUV color **89.9290, 21.7270, 78.1153** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **125.0710, -21.7270, -78.1153**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0060, 18.2380, 77.1707**, and **46.0540, 18.7074, 66.6046** is the 20% darker color. If you saturate the color by 10%, you get **78.6790, 24.3153, 87.9815**, and if you desaturate by 10%, it is **101.1790, 19.1388, 68.2490**.

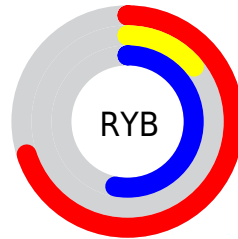
Distribution



Red (70%)

Green (14%)

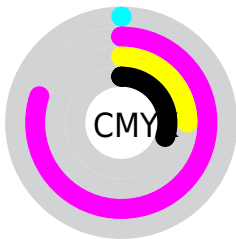
Blue (53%)



Red (70%)

Yellow (14%)

Blue (53%)

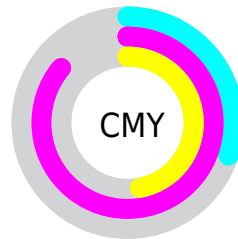


Cyan (0%)

Magenta (80%)

Yellow (25%)

Black (30%)



Cyan (30%)


Magenta (86%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.9290, 21.7270, 78.1153 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 89.9290, 21.7270, 78.1153 by changing the saturation by 10% instead.


 89.9290, 21.7270,
78.1153


 89.9290, 21.7270,
78.1153


255.0000, 0.0000,
0.0000


 57.2760, 25.4999,
81.3189

 150.0060, 18.2380,
77.1707


 46.0540, 18.7074,
66.6046

 174.7170, 19.8595,
70.4082


 35.0600, 12.7884,
51.6904

 195.0460, 24.1343,
52.5797

 24.7780, 7.0114,
37.9057

 212.7360, 20.8362,
37.0655

 13.7840, 1.0925,
22.9914

 229.7590, 12.4438,
22.1364

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 89.9290, 21.7270,
78.1153

■ 89.9290, 21.7270,
78.1153

■ 78.6790, 24.3153,
87.9815

■ 101.1790, 19.1388,
68.2490

■ 67.5430, 27.3403,
97.7478

■ 112.3150, 16.1137,
58.4827

■ 123.5650, 13.5255,
48.6165

■ 134.8150, 10.9372,
38.7502

■ 145.9510, 7.9122,
28.9840

■ 156.6140, 5.6133,
19.6325

■ 167.7500, 2.5882,
9.8663

■ 179.0000, 0.0000,
0.0000

■ 190.2500, -2.5882,
-9.8663

Harmonies

Analogous

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



101.2840, 39.7930, 23.4299



89.9290, 21.7270, 78.1153



79.9260, -0.4565, 100.0429

Triad

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



89.9290, 21.7270, 78.1153



91.2470, -44.9848, 8.5534



91.3360, 40.2604, -80.1017

Complementary

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



89.9290, 21.7270, 78.1153



125.0710, -21.7270, -78.1153

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.



85.9950, 17.2575, -75.4176



89.9290, 21.7270, 78.1153



75.8770, -37.4074, -41.9881

Square

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



89.9290, 21.7270, 78.1153



93.8480, -46.2671, 46.6143



78.3230, -7.0612, -68.6893



90.8750, 56.2636, -79.6974

Rectangle

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



89.9290, 21.7270, 78.1153



86.1700, -20.7898, 88.4279



78.3230, -7.0612, -68.6893



89.5120, 33.2716, -78.5020

Sweetspot

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



89.9290, 21.7270, 78.1153



197.1900, 8.7803, 30.5284



65.1590, 56.1236, 12.1386



95.9020, 5.4713, 18.5029



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.



89.9290, 21.7270, 78.1153



93.1190, 33.9583, 121.7986



82.0630, -8.4121, 85.0137



83.3750, 1.2941, 4.9331



57.7170, 23.3105, 83.5632



9.7120, 3.5930, 14.2846

Inverse Universe

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



89.9290, 21.7270, 78.1153



93.1190, 33.9583, 121.7986



132.9370, 8.4121, -85.0137



83.3750, 1.2941, 4.9331



57.7170, 23.3105, 83.5632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 89.9290, 21.7270, 78.1153 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 89.9290, 21.7270, 78.1153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

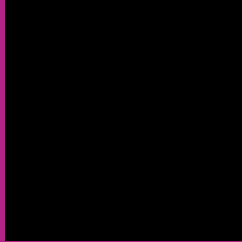
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9290, 21.7270, 78.1153

Background



This preview shows how black text looks on a background with the YUV color 89.9290, 21.7270, 78.1153.



This preview shows how white text looks on a background with the YUV color 89.9290, 21.7270,

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

89.9290, 21.7270, 78.1153

Protanopia

96.3990, 41.7083, -31.0449

Deuteranopia

100.8930, 12.3778, -3.4142



Tritanopia

94.8300, -15.1992, 68.5551

Trichromacy



Original Color

89.9290, 21.7270, 78.1153

Protanomaly

93.8170, 34.6002, 8.9305

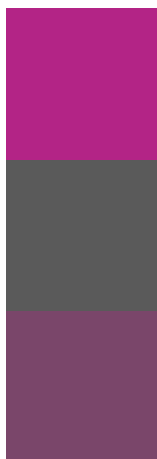
Deuteranomaly

96.7040, 15.9219, 26.5696

Tritanomaly

92.9950, -1.9695, 71.9184

Monochromacy



Original Color

89.9290, 21.7270, 78.1153

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6520, 8.0596, 28.3692

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9290, 21.7270, 78.1153 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(179, 36, 134)` looks like.

```
.text, #text, p{  
    color:rgb(179, 36, 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(179, 36, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 36, 134) }
```

Border

The CSS property to change the border of an element to YUV 89.9290, 21.7270, 78.1153 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(179, 36, 134) }
```


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

```
.border{ border-color:rgb(179, 36, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 36, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 36, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 36, 134);  
box-shadow:4px 4px 4px 4px rgb(179, 36,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 89.9290, 21.7270, 78.1153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 36, 134) }
```

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

```
.background{ background-color: rgb(179, 36,  
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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