

Converting Colors

YUV(89.8190, 21.7812, 60.6717)

Have a look what the booklet for
YUV(89.8190, 21.7812, 60.6717)
contains.

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Color

**YUV(89.8190, 21.7812,
60.6717)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2E86
RGB	159, 46, 134
RGB Percent	62%, 18%, 53%
CMY	0.3765, 0.8196, 0.4745
CMYK	0.00, 0.71, 0.16, 0.38
HSL	313°, 55%, 40%
HSV	313°, 71%, 62%
XYZ	19.5781, 11.0461, 23.6545
YIQ	89.8190, 39.1000, 51.3240

Conversions

Conversions Part 2

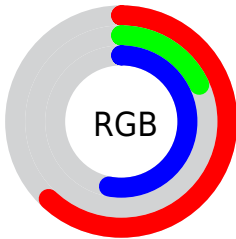
Format	Color
R_{YB}	159, 46, 134
Decimal	10432134
CIE _{Lab}	39.66, 55.38, -24.27
CIE _{LCh}	40, 60.467, 336.338
Yxy	11.0461, 0.3607, 0.2035
Android (android.graphics.Color)	4288622214 (0xFF9F2E86)
YUV	89.8190, 21.7812, 60.6717
Hunter-Lab	33.2357, 46.9862, -18.9328

Details

The YUV color **89.8190, 21.7812, 60.6717** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **115.1810, -21.7812, -60.6717**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0750, 20.1760, 62.2012**, and **40.6720, 21.3607, 55.5387** is the 20% darker color. If you saturate the color by 10%, you get **79.9710, 24.6643, 69.3084**, and if you desaturate by 10%, it is **99.6670, 18.8982, 52.0350**.

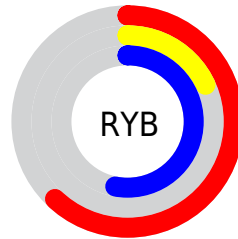
Distribution



Red (62%)

Green (18%)

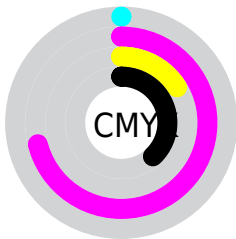
Blue (53%)



Red (62%)

Yellow (18%)

Blue (53%)

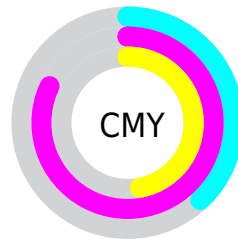


Cyan (0%)

Magenta (71%)

Yellow (16%)

Black (38%)



Cyan (38%)


Magenta (82%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.8190, 21.7812, 60.6717 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 89.8190, 21.7812, 60.6717 by changing the saturation by 10% instead.


 89.8190, 21.7812,
60.6717


 89.8190, 21.7812,
60.6717


255.0000, 0.0000,
0.0000


 56.2910, 25.9855,
65.5198

 146.0750, 20.1760,
62.2012


 40.6720, 21.3607,
55.5387


 173.7870, 20.3180,
63.3308


 29.9770, 15.2943,
41.2392

 196.2200, 23.5555,
51.5501

 20.5920, 9.0751,
29.2988

 213.9100, 20.2574,
36.0359

 7.3910, 3.7512,
10.1811

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

6.1776

■ 89.8190, 21.7812,
60.6717

■ 89.8190, 21.7812,
60.6717

■ 79.9710, 24.6643,
69.3084

■ 99.6670, 18.8982,
52.0350

■ 70.2370, 27.9842,
77.8452

■ 109.4010, 15.5783,
43.4983

■ 61.6770, 30.7252,
85.3523

■ 119.2490, 12.6952,
34.8616

■ 128.9830, 9.3754,
26.3249

■ 138.8310, 6.4923,
17.6882

■ 147.9780, 3.4618,
9.6663

■ 157.8260, 0.5788,
1.0296

■ 167.5600, -2.7411,
-7.5071

■ 177.4080, -5.6241,
-16.1438

Harmonies

Analogous

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



95.2560, 38.8208, 8.5455



89.8190, 21.7812, 60.6717



79.9350, 2.4970, 86.0030

Triad

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



89.8190, 21.7812, 60.6717



87.1600, -42.9699, 15.6457



84.1320, 32.9659, -73.7838

Complementary

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



89.8190, 21.7812, 60.6717



115.1810, -21.7812, -60.6717

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.



79.2470, 11.7102, -69.4996



89.8190, 21.7812, 60.6717



77.1720, -38.0458, -23.8298

Square

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



89.8190, 21.7812, 60.6717



87.6680, -43.2203, 49.4032



71.5580, -10.1351, -62.7564



84.9590, 48.8272, -74.5090

Rectangle

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



89.8190, 21.7812, 60.6717



82.1460, -14.3690, 82.3100



71.5580, -10.1351, -62.7564



83.0090, 26.1246, -72.7989

Sweetspot

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



89.8190, 21.7812, 60.6717



180.0320, 8.3652, 23.6509



66.0580, 45.8204, 3.4571



88.4670, 5.1928, 14.4994



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



89.8190, 21.7812, 60.6717



99.2420, 33.8977, 94.5038



83.4350, -2.6795, 66.2705



74.0760, 1.4415, 4.3183



55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Inverse Universe

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



89.8190, 21.7812, 60.6717



99.2420, 33.8977, 94.5038



121.5650, 2.6795, -66.2705



74.0760, 1.4415, 4.3183



55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 89.8190, 21.7812, 60.6717 looks on a white background.

Color Contrast Check

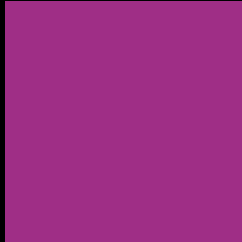
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.8190, 21.7812, 60.6717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

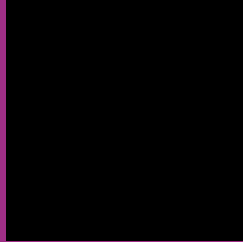
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8190, 21.7812, 60.6717

Background



This preview shows how black text looks on a background with the YUV color 89.8190, 21.7812, 60.6717.



This preview shows how white text looks on a background with the YUV color 89.8190, 21.7812,

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

89.8190, 21.7812, 60.6717

Protanopia

89.7580, 40.5453, -31.3598

Deuteranopia

94.4840, 16.0304, -8.3175



Tritanopia

92.4690, -11.0772, 53.0857

Trichromacy



Original Color

89.8190, 21.7812, 60.6717

Protanomaly

89.5450, 33.7483, 2.1530

Deuteranomaly

92.9200, 18.2804, 16.7332

Tritanomaly

91.5800, 0.7001, 55.6193

Monochromacy



Original Color

89.8190, 21.7812, 60.6717

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9070, 7.9338, 22.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8190, 21.7812, 60.6717 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(159, 46, 134)` looks like.

```
.text, #text, p{  
    color:rgb(159, 46, 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(159, 46, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 46, 134) }
```

Border

The CSS property to change the border of an element to YUV 89.8190, 21.7812, 60.6717 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(159, 46, 134) }
```


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

```
.border{ border-color:rgb(159, 46, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 46, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 46, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 46, 134);  
box-shadow:4px 4px 4px 4px rgb(159, 46,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 89.8190, 21.7812, 60.6717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 46, 134) }
```

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

```
.background{ background-color: rgb(159, 46,  
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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