

Converting Colors

YUV(139.2250, 19.1161,
28.7437)

Have a look what the booklet for
YUV(139.2250, 19.1161, 28.7437)
contains.

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Color

**YUV(139.2250, 19.1161,
28.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	AC73B2
RGB	172, 115, 178
RGB Percent	67%, 45%, 70%
CMY	0.3255, 0.5490, 0.3020
CMYK	0.03, 0.35, 0.00, 0.30
HSL	294°, 29%, 57%
HSV	294°, 35%, 70%
XYZ	31.1799, 24.2465, 45.1562
YIQ	139.2250, 13.7490, 31.6770

Conversions

Conversions Part 2

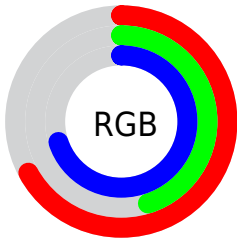
Format	Color
RYB	172, 115, 178
Decimal	11301810
CIELab	56.33, 33.05, -24.43
CIELCh	56, 41.105, 323.528
Yxy	24.2465, 0.3100, 0.2411
Android (android.graphics.Color)	4289491890 (0xFFAC73B2)
YUV	139.2250, 19.1161, 28.7437
Hunter-Lab	49.2407, 26.8573, -19.9034

Details

The YUV color $139.2250, 19.1161, 28.7437$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $153.7750, -19.1161, -28.7437$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.4640, 19.9842, 30.2881$, and $87.9860, 18.2479, 27.1993$ is the 20% darker color. If you saturate the color by 10%, you get $128.0610, 24.6199, 36.7805$, and if you desaturate by 10%, it is $150.3890, 13.6122, 20.7068$.

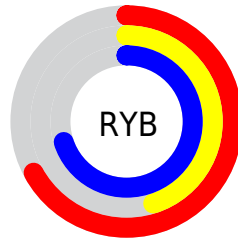
Distribution



Red (67%)

Green (45%)

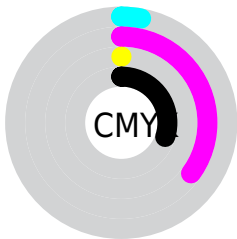
Blue (70%)



Red (67%)

Yellow (45%)

Blue (70%)

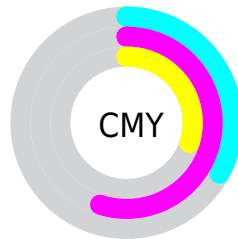


Cyan (3%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (33%)


Magenta (55%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.2250, 19.1161, 28.7437 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 139.2250, 19.1161, 28.7437 by changing the saturation by 10% instead.


 139.2250, 19.1161,
28.7437


 139.2250, 19.1161,
28.7437


255.0000, 0.0000,
0.0000


 113.3990, 18.5373,
27.7141


 193.4640, 19.9842,
30.2881

 87.9860, 18.2479,
27.1993


 219.7800, 17.3635,
30.8879


 63.2740, 18.1059,
26.0697

 236.8030, 8.9711,
15.9588

 38.9750, 18.2533,
25.4549

 253.2390, 0.8682,
1.5444

 19.1980, 16.6644,
21.7514

 9.5140, 10.5926,
9.1962

 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 139.2250, 19.1161,
28.7437

■ 139.2250, 19.1161,
28.7437

■ 128.0610, 24.6199,
36.7805

■ 150.3890, 13.6122,
20.7068

■ 117.1960, 29.9764,
45.4321

■ 161.2540, 8.2558,
12.0552

■ 106.6190, 35.1908,
52.9541

■ 171.8310, 3.0413,
4.5332

■ 95.4550, 40.6947,
60.9910

■ 182.9950, -2.4625,
-3.5036

■ 84.5900, 46.0511,
69.6426

■ 193.8600, -7.8190,
-12.1552

73.4260, 51.5550,
77.6794

205.0240,
-13.3228, -20.1920

68.4310, 54.0175,
81.1830

216.1880,
-18.8267, -28.2289

225.5910,
-23.4624, -34.7213

225.8900,
-23.6098, -34.1065

Harmonies

Analogous

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



136.3110, 31.8917, -9.0427



139.2250, 19.1161, 28.7437



137.5410, 3.1843, 52.1455

Triad

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



139.2250, 19.1161, 28.7437



132.1150, -34.5667, 27.0861



108.2790, 26.4845, -94.9607

Complementary

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



139.2250, 19.1161, 28.7437



153.7750, -19.1161, -28.7437

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.



104.1750, 10.7597, -91.3615



139.2250, 19.1161, 28.7437



129.2640, -30.6962, -1.1085

Square

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



139.2250, 19.1161, 28.7437



134.1960, -27.2116, 48.0631



123.5510, -16.0476, -32.9322



109.3510, 40.7460, -95.9008

Rectangle

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



139.2250, 19.1161, 28.7437



136.5990, -8.1833, 58.2337



123.5510, -16.0476, -32.9322



107.0250, 21.6797, -93.8609

Sweetspot

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



139.2250, 19.1161, 28.7437



216.7270, 7.5296, 11.6404



125.7040, 25.7819, -9.3874



107.8960, 4.4883, 7.1072



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.



139.2250, 19.1161, 28.7437



172.3700, 29.3976, 44.4025



138.1690, 7.3117, 34.9318



83.4180, 2.7519, 4.0184



58.7040, 46.4879, 69.5426



9.8410, 7.9664, 11.5404

Inverse Universe

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



134.5210, -6.6659, 38.1311



165.0290, -10.3673, 58.7336



154.8310, -7.3117, -34.9318



82.8050, -0.8899, 5.4330



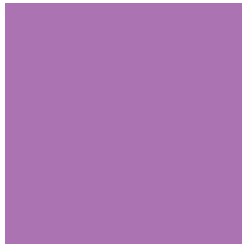
47.4570, -16.0013, 92.5612



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 139.2250, 19.1161, 28.7437 looks on a white 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

Black Background



This preview shows how the YUV color 139.2250, 19.1161, 28.7437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

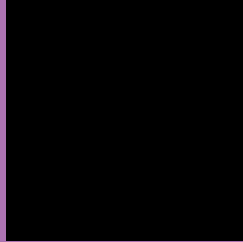
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.2250, 19.1161, 28.7437

Background



This preview shows how black text looks on a background with the YUV color 139.2250, 19.1161, 28.7437.



This preview shows how white text looks on a background with the YUV color 139.2250, 19.1161,

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

139.2250, 19.1161, 28.7437

Protanopia

134.9420, 28.1296, -15.7351

Deuteranopia

136.2930, 19.0826, -7.2730



Tritanopia

137.6980, -1.8231, 24.8209

Trichromacy



Original Color

139.2250, 19.1161, 28.7437



Protanomaly

136.2430, 25.0232, 0.6639



Deuteranomaly

137.0820, 19.1866, 6.0671



Tritanomaly

138.3590, 5.7390, 25.9952

Monochromacy



Original Color

139.2250, 19.1161, 28.7437



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.9010, 6.9508, 10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.2250, 19.1161, 28.7437 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(172, 115, 178)` looks like.

```
.text, #text, p{  
    color:rgb(172, 115, 178)  
}
```

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(172, 115, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 115, 178) }
```

Border

The CSS property to change the border of an element to YUV 139.2250, 19.1161, 28.7437 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(172, 115, 178) }
```


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

```
.border{ border-color:rgb(172, 115, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 115, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 115, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 115, 178);  
box-shadow:4px 4px 4px 4px rgb(172, 115,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 139.2250, 19.1161, 28.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 115, 178) }
```

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

```
.background{ background-color: rgb(172,  
115, 178) }
```

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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