

Converting Colors

YUV(110.1630, 43.7966,
92.8190)

Have a look what the booklet for
YUV(110.1630, 43.7966, 92.8190)
contains.

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Color

**YUV(110.1630, 43.7966,
92.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	D827C7
RGB	216, 39, 199
RGB Percent	85%, 15%, 78%
CMY	0.1529, 0.8471, 0.2196
CMYK	0.00, 0.82, 0.08, 0.15
HSL	306°, 69%, 50%
HSV	306°, 82%, 85%
XYZ	39.3532, 20.1735, 55.8526
YIQ	110.1630, 54.1320, 87.2840

Conversions

Conversions Part 2

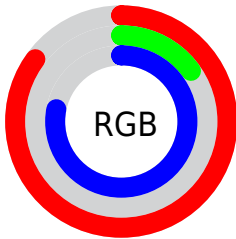
Format	Color
R _Y B	216, 39, 199
Decimal	14165959
CIE Lab	52.03, 79.42, -42.80
CIE LCh	52, 90.219, 331.678
Yxy	20.1735, 0.3411, 0.1748
Android (android.graphics.Color)	4292356039 (0xFFD827C7)
YUV	110.1630, 43.7966, 92.8190
Hunter-Lab	44.9149, 77.7958, -42.2878

Details

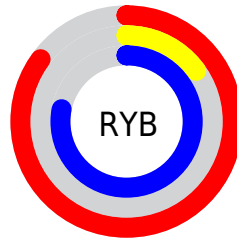
The YUV color **110.1630, 43.7966, 92.8190** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **144.8370, -43.7966, -92.8190**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 42.5405, 75.6755**, and **63.3590, 39.7560, 82.1232** is the 20% darker color. If you saturate the color by 10%, you get **97.0210, 49.2896, 104.3446**, and if you desaturate by 10%, it is **123.3050, 38.3036, 81.2935**.

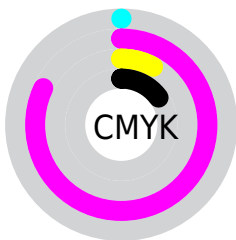
Distribution



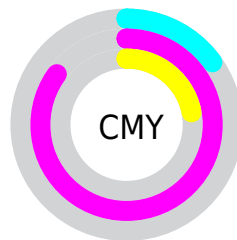
- Red (85%)
- Green (15%)
- Blue (78%)



- Red (85%)
- Yellow (15%)
- Blue (78%)



- Cyan (0%)
- Magenta (82%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (85%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1630, 43.7966, 92.8190 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 110.1630, 43.7966, 92.8190 by changing the saturation by 10% instead.

■ 110.1630, 43.7966,
92.8190

■ 110.1630, 43.7966,
92.8190

■ 255.0000, 0.0000,
0.0000

■ 75.1080, 47.2748,
97.2523

■ 168.7110, 42.5405,
75.6755

■ 63.3590, 39.7560,
82.1232

■ 186.3210, 33.8587,
60.2315

■ 51.7240, 32.6741,
66.8941

■ 203.9310, 25.1770,
44.7875

■ 40.2030, 26.0289,
51.5650

■ 220.9540, 16.7847,
29.8583

■ 29.3940, 19.5258,
37.3655

■ 239.1510, 7.8136,
13.8996

■ 18.1010, 13.7542,
21.8364

■ 2.6220, 10.0464,

-2.2995

■ 0.0000, 0.0000,
0.0000

■ 110.1630, 43.7966,
92.8190

■ 110.1630, 43.7966,
92.8190

■ 97.0210, 49.2896,
104.3446

■ 123.3050, 38.3036,
81.2935

■ 86.8140, 53.3357,
113.2961

■ 135.8600, 33.1000,
70.2828

■ 149.0020, 27.6070,
58.7572

■ 161.5570, 22.4034,
47.7465

■ 174.6990, 16.9104,
36.2210

187.8410, 11.4174,
24.6954

200.5100, 6.6506,
13.5847

213.6520, 1.1576,
2.0592

226.2070, -4.0461,
-8.9515

Harmonies

Analogous

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



121.8560, 65.6400, -6.8897



110.1630, 43.7966, 92.8190



89.3700, 16.5796, 142.6265

Triad

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



110.1630, 43.7966, 92.8190



116.4530, -57.4113, 27.6667



114.2410, 44.2512, -100.1894

Complementary

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



110.1630, 43.7966, 92.8190



144.8370, -43.7966, -92.8190

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.



105.4630, 10.6177, -92.4911



110.1630, 43.7966, 92.8190



102.4900, -50.5276, -33.7557

Square

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



110.1630, 43.7966, 92.8190



114.1360, -56.2690, 81.4417



93.3110, -25.7893, -81.8337



117.1200, 67.9748, -102.7142

Rectangle

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



110.1630, 43.7966, 92.8190



83.6700, -5.2603, 147.6254



93.3110, -25.7893, -81.8337



111.5050, 33.7680, -97.7899

Sweetspot

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



110.1630, 43.7966, 92.8190



216.7480, 15.9002, 33.5470



63.6630, 75.1021, -8.4745



104.6510, 9.5391, 20.4771



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



110.1630, 43.7966, 92.8190



105.5140, 61.8646, 131.0992



100.3590, 6.2320, 101.4172



100.4290, 2.7465, 5.7628



68.6850, 42.0603, 89.7303



17.3030, 10.6966, 22.5363

Inverse Universe

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



110.1630, 43.7966, 92.8190



105.5140, 61.8646, 131.0992



154.6410, -6.2320, -101.4172



100.4290, 2.7465, 5.7628



68.6850, 42.0603, 89.7303



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 110.1630, 43.7966, 92.8190 looks on a white background.

Color Contrast Check

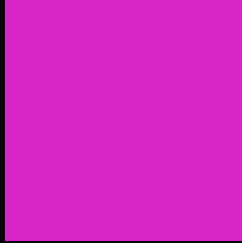
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.1630, 43.7966, 92.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

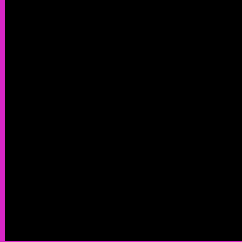
Any Text WCAG AA ✓ Pass

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 110.1630, 43.7966, 92.8190 Background



This preview shows how black text looks on a background with the YUV color 110.1630, 43.7966, 92.8190.



This preview shows how white text looks on a background with the YUV color 110.1630, 43.7966, 92.8190.

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

110.1630, 43.7966, 92.8190

Protanopia

103.0980, 74.8877, -79.8929

Deuteranopia

122.6250, 32.2299, -24.2271



Tritanopia

120.8630, -15.2155, 73.7881

Trichromacy



Original Color

110.1630, 43.7966, 92.8190



Protanomaly

105.9210, 63.6359, -17.4707



Deuteranomaly

118.0400, 36.4623, 18.3819



Tritanomaly

117.2270, 6.2971, 80.4849

Monochromacy



Original Color

110.1630, 43.7966, 92.8190



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.0470, 15.7528, 34.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1630, 43.7966, 92.8190 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(216, 39, 199)` looks like.

```
.text, #text, p{  
    color:rgb(216, 39, 199)  
}
```

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(216, 39, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 39, 199) }
```

Border

The CSS property to change the border of an element to YUV 110.1630, 43.7966, 92.8190 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(216, 39, 199) }
```


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

```
.border{ border-color:rgb(216, 39, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 39, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 39, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 39, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 39,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 110.1630, 43.7966, 92.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 39, 199) }
```

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

```
.background{ background-color: rgb(216, 39,  
199) }
```

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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