

Converting Colors

YUV(114.1890, 44.2768,
78.7642)

Have a look what the booklet for
YUV(114.1890, 44.2768, 78.7642)
contains.

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Color

**YUV(114.1890, 44.2768,
78.7642)**

Conversions

Conversions Part 1

Format	Color
Hex	CC33CC
RGB	204, 51, 204
RGB Percent	80%, 20%, 80%
CMY	0.2000, 0.8000, 0.2000
CMYK	0.00, 0.75, 0.00, 0.20
HSL	300°, 60%, 50%
HSV	300°, 75%, 80%
XYZ	36.9847, 19.5647, 58.9538
YIQ	114.1890, 42.0750, 80.0190

Conversions

Conversions Part 2

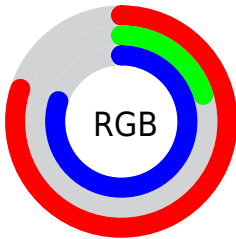
Format	Color
R_{YB}	204, 51, 204
Decimal	13382604
CIE _{Lab}	51.34, 74.77, -46.90
CIE _{LCh}	51, 88.262, 327.899
Yxy	19.5647, 0.3202, 0.1694
Android (android.graphics.Color)	4291572684 (0xFFCC33CC)
YUV	114.1890, 44.2768, 78.7642
Hunter-Lab	44.2320, 71.8477, -48.0613

Details

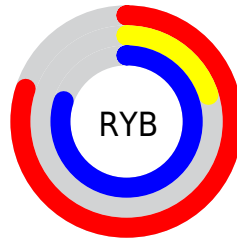
The YUV color **114.1890, 44.2768, 78.7642** is a light color, and the websafe version is hex **CC33CC**, and the color name is **steel pink**. The color can be described as light muted magenta. A complement of this color would be **140.8110, -44.2768, -78.7642**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2330, 40.8041, 72.5867**, and **60.6400, 43.5615, 74.8607** is the 20% darker color. If you saturate the color by 10%, you get **102.4490, 50.0646, 89.0602**, and if you desaturate by 10%, it is **125.9290, 38.4890, 68.4683**.

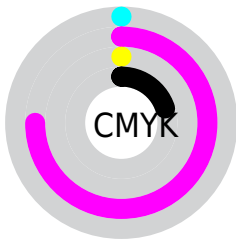
Distribution



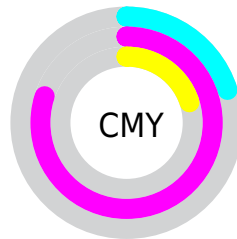
- Red (80%)
- Green (20%)
- Blue (80%)



- Red (80%)
- Yellow (20%)
- Blue (80%)



- Cyan (0%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.1890, 44.2768, 78.7642 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 114.1890, 44.2768, 78.7642 by changing the saturation by 10% instead.

114.1890, 44.2768,
78.7642

114.1890, 44.2768,
78.7642

255.0000, 0.0000,
0.0000

72.3890, 51.0802,
89.9898

172.2330, 40.8041,
72.5867

60.6400, 43.5615,
74.8607

189.2560, 32.4118,
57.6575

49.0050, 36.4795,
59.6316

206.2790, 24.0195,
42.7283

37.6690, 29.2502,
45.0173

223.8890, 15.3377,
27.2843

27.1590, 22.5996,
31.4326

240.9120, 6.9454,
12.3552

15.4530, 16.5387,
15.3887

3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 114.1890, 44.2768,
78.7642

■ 114.1890, 44.2768,
78.7642

■ 102.4490, 50.0646,
89.0602

■ 125.9290, 38.4890,
68.4683

■ 90.1220, 56.1419,
99.8710

■ 138.2560, 32.4118,
57.6575

■ 84.2520, 59.0358,
105.0190

■ 149.9960, 26.6240,
47.3615

■ 162.3230, 20.5468,
36.5507

■ 174.0630, 14.7589,
26.2547

■ 185.8030, 8.9711,
15.9588

■ 198.1300, 2.8939,
5.1480

■ 209.8700, -2.8939,
-5.1480

■ 222.1970, -8.9711,
-15.9588

Harmonies

Analogous

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



117.0280, 68.0202, -23.7036



114.1890, 44.2768, 78.7642



88.4880, 20.9584, 138.1380

Triad

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



114.1890, 44.2768, 78.7642



115.3120, -56.8488, 33.9294



111.6990, 39.5884, -97.9600

Complementary

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



114.1890, 44.2768, 78.7642



140.8110, -44.2768, -78.7642

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.



102.3340, 6.2443, -89.7469



114.1890, 44.2768, 78.7642



104.3280, -51.4337, -23.0897

Square

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



114.1890, 44.2768, 78.7642



110.6250, -54.5381, 86.2749



90.1820, -30.1627, -79.0896



116.0770, 66.5170, -101.7995

Rectangle

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



114.1890, 44.2768, 78.7642



83.7990, -0.8869, 144.8813



90.1820, -30.1627, -79.0896



108.8490, 28.6684, -95.4606

Sweetspot

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



114.1890, 44.2768, 78.7642



220.3670, 17.0741, 30.3731



68.4420, 66.8301, -15.2966



106.8680, 10.4181, 18.5328



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.



114.1890, 44.2768, 78.7642



119.9900, 66.5599, 118.4038



105.5250, 11.0802, 86.3626



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Inverse Universe

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



114.1890, 44.2768, 78.7642



119.9900, 66.5599, 118.4038



149.5890, -10.6434, -86.4626



96.1300, 2.8939, 5.1480



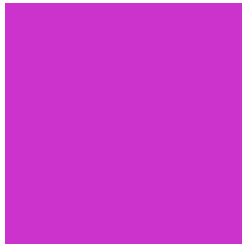
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 114.1890, 44.2768, 78.7642 looks on a white background.

Color Contrast Check

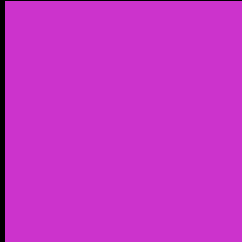
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1890, 44.2768, 78.7642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

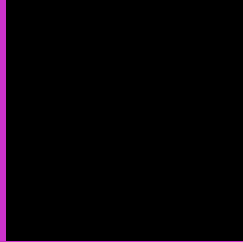
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.1890, 44.2768, 78.7642

Background



This preview shows how black text looks on a background with the YUV color 114.1890, 44.2768, 78.7642.



This preview shows how white text looks on a background with the YUV color 114.1890, 44.2768, 78.7642.

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

114.1890, 44.2768, 78.7642

Protanopia

97.9940, 75.9250, -85.9407

Deuteranopia

119.3190, 36.3247, -30.9748



Tritanopia

121.8830, -12.2673, 61.4926

Trichromacy



Original Color

114.1890, 44.2768, 78.7642



Protanomaly

104.0940, 64.5367, -26.3924



Deuteranomaly

117.6690, 39.1102, 9.0603



Tritanomaly

118.7200, 8.5190, 67.7746

Monochromacy



Original Color

114.1890, 44.2768, 78.7642



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1280, 16.2059, 28.8287

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1890, 44.2768, 78.7642 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(204, 51, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 51, 204)  
}
```

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(204, 51, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 51, 204) }
```

Border

The CSS property to change the border of an element to YUV 114.1890, 44.2768, 78.7642 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(204, 51, 204) }
```


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

```
.border{ border-color:rgb(204, 51, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 51, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 51, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 51, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 51,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 114.1890, 44.2768, 78.7642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 51, 204) }
```

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

```
.background{ background-color: rgb(204, 51,  
204) }
```

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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