

Converting Colors

YUV(113.0650, 42.3660,
85.0120)

Have a look what the booklet for
YUV(113.0650, 42.3660, 85.0120)
contains.

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Color

**YUV(113.0650, 42.3660,
85.0120)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D22FC7 |
| RGB | 210, 47, 199 |
| RGB Percent | 82%, 18%, 78% |
| CMY | 0.1765, 0.8157, 0.2196 |
| CMYK | 0.00, 0.78, 0.05, 0.18 |
| HSL | 304°, 64%, 50% |
| HSV | 304°, 78%, 82% |
| XYZ | 37.9037, 19.8582, 55.8681 |
| YIQ | 113.0650, 48.3560, 81.8280 |

Conversions

Conversions Part 2

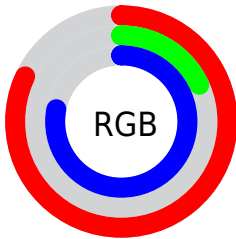
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 210, 47, 199 |
| Decimal | 13774791 |
| CIE _{Lab} | 51.68, 76.32, -43.43 |
| CIE _{LCh} | 52, 87.814, 330.358 |
| Yxy | 19.8582, 0.3336, 0.1748 |
| Android (android.graphics.Color) | 4291964871 (0xFFD22FC7) |
| YUV | 113.0650, 42.3660, 85.0120 |
| Hunter-Lab | 44.5625, 73.8428, -43.1382 |

Details

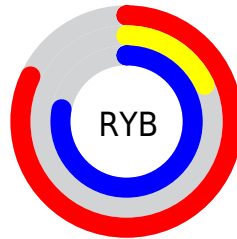
The YUV color **113.0650, 42.3660, 85.0120** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **143.9350, -42.3660, -85.0120**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0590, 41.3829, 73.6163**, and **61.5650, 40.6405, 78.4345** is the 20% darker color. If you saturate the color by 10%, you get **100.6240, 48.0064, 95.9228**, and if you desaturate by 10%, it is **125.5060, 36.7255, 74.1012**.

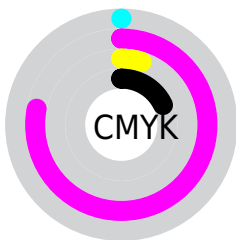
Distribution



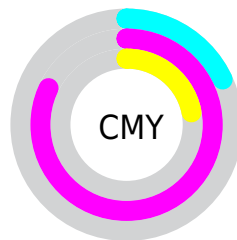
- Red (82%)
- Green (18%)
- Blue (78%)



- Red (82%)
- Yellow (18%)
- Blue (78%)



- Cyan (0%)
- Magenta (78%)
- Yellow (5%)
- Black (18%)




- Cyan (18%)
- Magenta (82%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.0650, 42.3660, 85.0120 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 113.0650, 42.3660, 85.0120 by changing the saturation by 10% instead.


 113.0650, 42.3660,
85.0120


 113.0650, 42.3660,
85.0120


255.0000, 0.0000,
0.0000


 73.3140, 48.1592,
93.5636


 171.0590, 41.3829,
73.6163


 61.5650, 40.6405,
78.4345


 188.0820, 32.9906,
58.6871

 49.9300, 33.5585,
63.2054


 205.6920, 24.3088,
43.2431

 38.7080, 26.7660,
48.4911

 222.7150, 15.9165,
28.3139

 28.1980, 20.1154,
34.9064

 240.3250, 7.2348,
12.8700

 16.7910, 13.9070,
19.4773

 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 113.0650, 42.3660,
85.0120

■ 113.0650, 42.3660,
85.0120

■ 100.6240, 48.0064,
95.9228

■ 125.5060, 36.7255,
74.1012

■ 88.0690, 53.2100,
106.9335

■ 138.0610, 31.5219,
63.0905

■ 85.1340, 54.6569,
109.5075

■ 150.5020, 25.8815,
52.1797

■ 163.0570, 20.6779,
41.1690

■ 175.4980, 15.0375,
30.2583

188.0530, 9.8339,
19.2475

200.4940, 4.1935,
8.3368

212.9350, -1.4470,
-2.5740

225.4900, -6.6506,
-13.5847

Harmonies

Analogous

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



120.9370, 66.0931, -12.2227



113.0650, 42.3660, 85.0120



88.5160, 18.4796, 139.8675

Triad

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



113.0650, 42.3660, 85.0120



115.5780, -56.9800, 29.3111



112.9700, 41.9198, -99.0747

Complementary

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



113.0650, 42.3660, 85.0120



143.9350, -42.3660, -85.0120

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.



103.7190, 9.0125, -90.9616



113.0650, 42.3660, 85.0120



103.4090, -50.9806, -28.4227

Square

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



113.0650, 42.3660, 85.0120



112.6630, -55.5429, 81.8565



91.9090, -26.0841, -80.6042



116.5330, 68.2642, -102.1994

Rectangle

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



113.0650, 42.3660, 85.0120



82.9300, -2.9235, 144.7664



91.9090, -26.0841, -80.6042



110.2340, 31.4366, -96.6752

Sweetspot

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



113.0650, 42.3660, 85.0120



219.9110, 15.3269, 30.7731



68.8710, 69.5766, -9.5339



106.5260, 9.1077, 18.8327



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.



113.0650, 42.3660, 85.0120



114.0570, 61.5969, 123.6070



103.8310, 6.9853, 93.1102



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Inverse Universe

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



113.0650, 42.3660, 85.0120



114.0570, 61.5969, 123.6070



153.1690, -6.9853, -93.1102



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 113.0650, 42.3660, 85.0120 looks on a white background.

Color Contrast Check

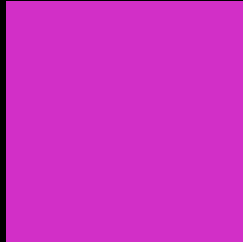
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0650, 42.3660, 85.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

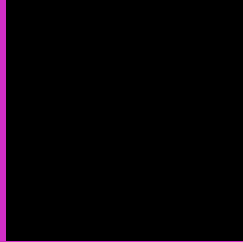
Any Text WCAG AA ✓ Pass

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 113.0650, 42.3660, 85.0120 Background



This preview shows how black text looks on a background with the YUV color 113.0650, 42.3660, 85.0120.



This preview shows how white text looks on a background with the YUV color 113.0650, 42.3660, 85.0120.

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

113.0650, 42.3660, 85.0120

Protanopia

98.8090, 76.5092, -86.6555

Deuteranopia

121.4400, 32.8141, -24.9419



Tritanopia

121.1720, -13.8888, 68.2552

Trichromacy



Original Color

113.0650, 42.3660, 85.0120



Protanomaly

103.9910, 64.0944, -24.5481



Deuteranomaly

118.3170, 36.3257, 15.5080



Tritanomaly

118.0090, 6.8976, 74.5371

Monochromacy



Original Color

113.0650, 42.3660, 85.0120



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.9110, 15.3269, 30.7731

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0650, 42.3660, 85.0120 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(210, 47, 199)` looks like.

```
.text, #text, p{  
    color:rgb(210, 47, 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(210, 47, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 47, 199) }
```

Border

The CSS property to change the border of an element to YUV 113.0650, 42.3660, 85.0120 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(210, 47, 199) }
```


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

```
.border{ border-color:rgb(210, 47, 199) }
```

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

Here you see how a box with a 4 pixel rgb(210, 47, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 47, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 47, 199);  
box-shadow:4px 4px 4px 4px rgb(210, 47,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 113.0650, 42.3660, 85.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 47, 199) }
```

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

```
.background{ background-color: rgb(210, 47,  
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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