

Converting Colors

YUV(107.8650, 42.4646,
100.0964)

Have a look what the booklet for
YUV(107.8650, 42.4646, 100.0964)
contains.

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Color

**YUV(107.8650, 42.4646,
100.0964)**

Conversions

Conversions Part 1

Format	Color
Hex	DE21C2
RGB	222, 33, 194
RGB Percent	87%, 13%, 76%
CMY	0.1294, 0.8706, 0.2392
CMYK	0.00, 0.85, 0.13, 0.13
HSL	309°, 74%, 50%
HSV	309°, 85%, 87%
XYZ	40.4057, 20.5124, 52.8686
YIQ	107.8650, 60.9630, 90.1390

Conversions

Conversions Part 2

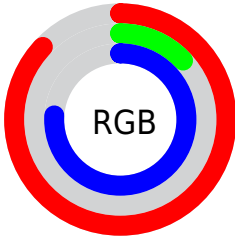
Format	Color
R_{YB}	222, 33, 194
Decimal	14557634
CIE _{Lab}	52.41, 81.08, -39.25
CIE _{LCh}	52, 90.078, 334.171
Yxy	20.5124, 0.3551, 0.1803
Android (android.graphics.Color)	4292747714 (0xFFDE21C2)
YUV	107.8650, 42.4646, 100.0964
Hunter-Lab	45.2906, 79.9891, -37.5070

Details

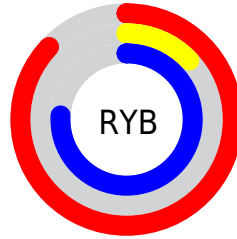
The YUV color **107.8650, 42.4646, 100.0964** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **147.1350, -42.4646, -100.0964**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0810, 41.3721, 77.1050**, and **64.3980, 37.2718, 85.5970** is the 20% darker color. If you saturate the color by 10%, you get **94.6090, 47.5208, 111.7219**, and if you desaturate by 10%, it is **121.1210, 37.4083, 88.4709**.

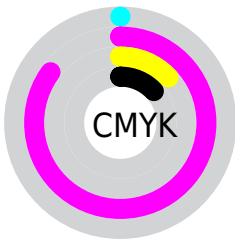
Distribution



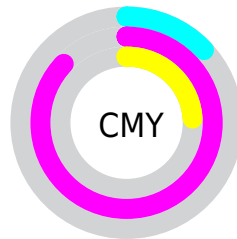
- Red (87%)
- Green (13%)
- Blue (76%)



- Red (87%)
- Yellow (13%)
- Blue (76%)



- Cyan (0%)
- Magenta (85%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.8650, 42.4646, 100.0964 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 107.8650, 42.4646, 100.0964 by changing the saturation by 10% instead.


 107.8650, 42.4646,
100.0964


 107.8650, 42.4646,
100.0964


255.0000, 0.0000,
0.0000


 76.4460, 44.6431,
101.3409


 167.0810, 41.3721,
77.1050


 64.3980, 37.2718,
85.5970


 185.1470, 34.4375,
61.2611

 52.7630, 30.1898,
70.3678


 202.7570, 25.7558,
45.8171

 41.2420, 23.5447,
55.0388

 220.3670, 17.0741,
30.3731

 30.4330, 17.0415,
40.8393

 237.9770, 8.3923,
14.9292

 19.1400, 11.2700,
25.3102

 3.0630, 7.8569,

-0.0553

■ 0.0000, 0.0000,
0.0000

■ 107.8650, 42.4646,
100.0964

■ 107.8650, 42.4646,
100.0964

■ 94.6090, 47.5208,
111.7219

■ 121.1210, 37.4083,
88.4709

■ 87.9240, 49.8305,
117.5847

■ 134.4910, 32.7889,
76.7454

■ 148.3340, 27.4433,
64.6051

■ 161.5900, 22.3871,
52.9796

■ 174.8460, 17.3309,
41.3541

■ 188.2160, 12.7115,
29.6286

■ 201.4720, 7.6553,
18.0031

■ 215.3150, 2.3097,
5.8627

■ 228.6850, -2.3097,
-5.8627

Harmonies

Analogous

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



124.8680, 64.1551, 2.7468



107.8650, 42.4646, 100.0964



89.3980, 14.1008, 144.3560

Triad

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



107.8650, 42.4646, 100.0964



116.7190, -57.5425, 23.0484



115.6260, 47.0194, -101.4040

Complementary

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



107.8650, 42.4646, 100.0964



147.1350, -42.4646, -100.0964

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.



106.8480, 13.3859, -93.7057



107.8650, 42.4646, 100.0964



100.9730, -49.7797, -40.3183

Square

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



107.8650, 42.4646, 100.0964



115.5870, -56.9844, 77.5382



94.9240, -22.1475, -83.2483



117.1200, 67.9748, -102.7142

Rectangle

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



107.8650, 42.4646, 100.0964



83.1000, -7.4443, 148.1253



94.9240, -22.1475, -83.2483



113.4770, 36.2468, -99.5193

Sweetspot

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



107.8650, 42.4646, 100.0964



215.1180, 14.7318, 34.9765



62.0210, 78.8696, -3.5264



103.8360, 8.9549, 21.1918



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.



107.8650, 42.4646, 100.0964



100.9830, 57.1964, 135.0729



97.3770, 2.2791, 109.2944



105.4290, 2.7465, 5.7628



69.7240, 39.5761, 93.2041



19.0260, 10.8332, 25.4102

Inverse Universe

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



107.8650, 42.4646, 100.0964



100.9830, 57.1964, 135.0729



157.6230, -2.2791, -109.2944



105.4290, 2.7465, 5.7628



69.7240, 39.5761, 93.2041



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 107.8650, 42.4646, 100.0964 looks on a white background.

Color Contrast Check

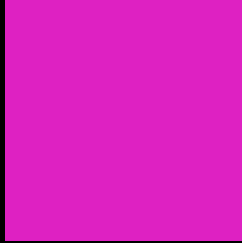
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.8650, 42.4646, 100.0964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

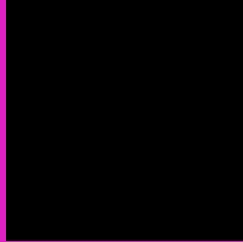
Any Text WCAG AA ✓ Pass

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 107.8650, 42.4646, 100.0964 Background



This preview shows how black text looks on a background with the YUV color 107.8650, 42.4646, 100.0964.



This preview shows how white text looks on a background with the YUV color 107.8650, 42.4646, 100.0964.

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

107.8650, 42.4646, 100.0964

Protanopia

107.5720, 72.6820, -72.4156

Deuteranopia

125.0340, 28.5772, -19.3238



Tritanopia

120.7390, -17.1263, 80.0359

Trichromacy



Original Color

107.8650, 42.4646, 100.0964



Protanomaly

107.8080, 61.7197, -9.4786



Deuteranomaly

118.9760, 33.5358, 23.7000



Tritanomaly

116.4020, 4.2388, 87.3474

Monochromacy



Original Color

107.8650, 42.4646, 100.0964



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.9440, 15.3106, 36.0061

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8650, 42.4646, 100.0964 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(222, 33, 194)` looks like.

```
.text, #text, p{  
    color:rgb(222, 33, 194)  
}
```

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(222, 33, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 33, 194) }
```

Border

The CSS property to change the border of an element to YUV 107.8650, 42.4646, 100.0964 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(222, 33, 194) }
```


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

```
.border{ border-color:rgb(222, 33, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 33, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 33, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 33, 194); box-shadow:4px 4px 4px 4px rgb(222, 33, 194) }
```

Background

The CSS property to change the background color of an element to YUV 107.8650, 42.4646, 100.0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 33, 194) }
```

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

```
.background{ background-color: rgb(222, 33,  
194) }
```

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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