

Converting Colors

YUV(138.8520, 21.7650,
65.9048)

Have a look what the booklet for
YUV(138.8520, 21.7650, 65.9048)
contains.

YUV(138.8520, 21.7650, 65.9048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(138.8520, 21.7650,
65.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	D65CB7
RGB	214, 92, 183
RGB Percent	84%, 36%, 72%
CMY	0.1608, 0.6392, 0.2824
CMYK	0.00, 0.57, 0.14, 0.16
HSL	315°, 60%, 60%
HSV	315°, 57%, 84%
XYZ	40.1059, 25.3693, 47.5827
YIQ	138.8520, 43.5010, 54.1650

Conversions

Conversions Part 2

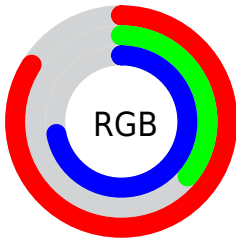
Format	Color
R_{YB}	214, 92, 183
Decimal	14048439
CIE _{Lab}	57.43, 58.50, -25.16
CIE _{LCh}	57, 63.683, 336.726
Yxy	25.3693, 0.3547, 0.2244
Android (android.graphics.Color)	4292238519 (0xFFD65CB7)
YUV	138.8520, 21.7650, 65.9048
Hunter-Lab	50.3680, 53.9882, -20.7538

Details

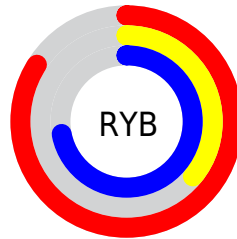
The YUV color **138.8520, 21.7650, 65.9048** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **167.1480, -21.7650, -65.9048**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7800, 24.2655, 57.1979**, and **80.8350, 24.2383, 65.9197** is the 20% darker color. If you saturate the color by 10%, you get **125.9550, 25.6582, 77.2155**, and if you desaturate by 10%, it is **151.7490, 17.8717, 54.5941**.

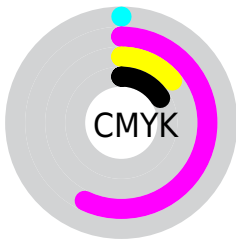
Distribution



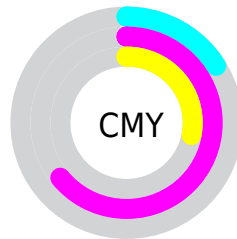
- Red (84%)
- Green (36%)
- Blue (72%)



- Red (84%)
- Yellow (36%)
- Blue (72%)



- Cyan (0%)
- Magenta (57%)
- Yellow (14%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.8520, 21.7650, 65.9048 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 138.8520, 21.7650, 65.9048 by changing the saturation by 10% instead.


 138.8520, 21.7650,
65.9048


 138.8520, 21.7650,
65.9048


255.0000, 0.0000,
0.0000


 110.6670, 22.3492,
65.1900


 189.7800, 24.2655,
57.1979

 80.8350, 24.2383,
65.9197


 208.6270, 22.8619,
40.6691


 50.1280, 26.5589,
68.2937

 225.0630, 14.7589,
26.2547

 39.3190, 20.0557,
54.0942

 242.6730, 6.0772,
10.8108

 28.6240, 13.9894,
39.7948

 18.6410, 8.0650,
26.6248

 3.1190, 2.8993,

3.4036

■ 0.0000, 0.0000,
0.0000

■ 138.8520, 21.7650,
65.9048

■ 138.8520, 21.7650,
65.9048

■ 125.9550, 25.6582,
77.2155

■ 151.7490, 17.8717,
54.5941

■ 112.3570, 29.4040,
89.1409

■ 165.3470, 14.1259,
42.6687

■ 99.4600, 33.2972,
100.4516

■ 178.2440, 10.2327,
31.3580

■ 85.8620, 37.0430,
112.3770

■ 191.8420, 6.4869,
19.4326

■ 82.2260, 38.3426,
115.5658

■ 204.7390, 2.5937,
8.1219

■ 217.7500, -0.8627,
-3.2887

■ 231.2340, -5.0454,
-15.1142

■ 239.5490, -6.1867,
-22.4065

■ 240.1190, -4.0027,
-22.9064

Harmonies

Analogous

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



141.0160, 42.8831, 12.2640



138.8520, 21.7650, 65.9048



133.0020, -2.4660, 91.2062

Triad

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



138.8520, 21.7650, 65.9048



127.3400, -62.7786, 22.5038



118.2360, 41.7887, -103.6930

Complementary

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



138.8520, 21.7650, 65.9048



167.1480, -21.7650, -65.9048

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.



113.2540, 17.6228, -99.3238



138.8520, 21.7650, 65.9048



122.2490, -41.5348, -24.7744

Square

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



138.8520, 21.7650, 65.9048



132.3180, -52.4148, 58.4801



104.8810, -6.8433, -91.9806



118.3450, 59.9759, -103.7886

Rectangle

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



138.8520, 21.7650, 65.9048



132.2950, -20.3584, 90.0723



104.8810, -6.8433, -91.9806



116.9990, 34.5105, -102.6081

Sweetspot

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



138.8520, 21.7650, 65.9048



228.5050, 7.6390, 23.2361



115.1770, 48.7197, 6.8608



111.9400, 4.4666, 14.0846



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.



138.8520, 21.7650, 65.9048



148.4330, 30.8455, 93.4593



132.0120, -4.4429, 71.9035



100.2010, 1.8729, 5.9627



65.6070, 30.2667, 92.4297



16.5050, 7.6390, 23.2361

Inverse Universe

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



138.8520, 21.7650, 65.9048



148.4330, 30.8455, 93.4593



174.1020, 4.8797, -72.0035



100.2010, 1.8729, 5.9627



65.6070, 30.2667, 92.4297



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 138.8520, 21.7650, 65.9048 looks on a white background.

Color Contrast Check

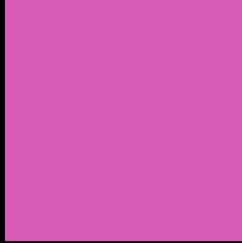
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8520, 21.7650, 65.9048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

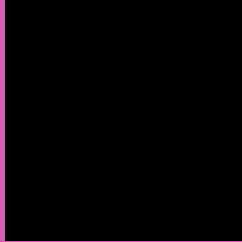
Any Text WCAG AA ✓ Pass

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 138.8520, 21.7650, 65.9048 Background



This preview shows how black text looks on a background with the YUV color 138.8520, 21.7650, 65.9048.



This preview shows how white text looks on a background with the YUV color 138.8520, 21.7650,

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

138.8520, 21.7650, 65.9048

Protanopia

136.9760, 39.9448, -25.4120

Deuteranopia

139.3640, 18.0615, -6.4582



Tritanopia

138.5130, -11.0989, 60.0631

Trichromacy



Original Color

138.8520, 21.7650, 65.9048



Protanomaly

137.7630, 33.1478, 8.1008



Deuteranomaly

139.2840, 19.5800, 19.9219



Tritanomaly

138.6240, 0.6784, 62.5968

Monochromacy



Original Color

138.8520, 21.7650, 65.9048



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.9180, 7.9284, 23.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8520, 21.7650, 65.9048 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(214, 92, 183)` looks like.

```
.text, #text, p{  
    color:rgb(214, 92, 183)  
}
```

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(214, 92, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 92, 183) }
```

Border

The CSS property to change the border of an element to YUV 138.8520, 21.7650, 65.9048 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(214, 92, 183) }
```


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

```
.border{ border-color:rgb(214, 92, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 92, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 92, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 92, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 92,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 138.8520, 21.7650, 65.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 92, 183) }
```

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

```
.background{ background-color: rgb(214, 92,  
183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor