

Converting Colors

YUV(170.5450, 7.1263, 47.7570)

Have a look what the booklet for
YUV(170.5450, 7.1263, 47.7570)
contains.

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Color

**YUV(170.5450, 7.1263,
47.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	E18CB9
RGB	225, 140, 185
RGB Percent	88%, 55%, 73%
CMY	0.1176, 0.4510, 0.2745
CMYK	0.00, 0.38, 0.18, 0.12
HSL	328°, 59%, 72%
HSV	328°, 38%, 88%
XYZ	49.1864, 38.2665, 50.6927
YIQ	170.5450, 36.2150, 32.0150

Conversions

Conversions Part 2

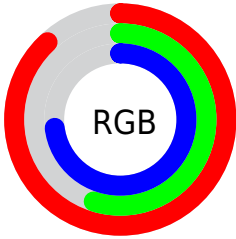
Format	Color
R _Y B	225, 140, 185
Decimal	14781625
CIE Lab	68.22, 38.42, -9.81
CIE LCh	68, 39.656, 345.680
Yxy	38.2665, 0.3560, 0.2770
Android (android.graphics.Color)	4292971705 (0xFFE18CB9)
YUV	170.5450, 7.1263, 47.7570
Hunter-Lab	61.8599, 33.6750, -5.2848

Details

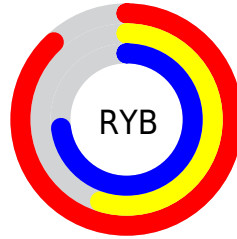
The YUV color **170.5450, 7.1263, 47.7570** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **194.4550, -7.1263, -47.7570**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1840, 11.2483, 32.2876**, and **116.9360, 7.4266, 44.7831** is the 20% darker color. If you saturate the color by 10%, you get **156.3770, 8.6881, 60.1824**, and if you desaturate by 10%, it is **185.3000, 5.2751, 34.8169**.

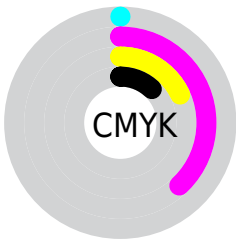
Distribution



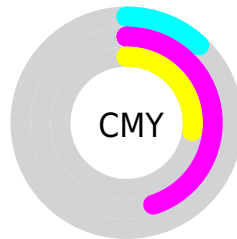
- Red (88%)
- Green (55%)
- Blue (73%)



- Red (88%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (12%)



- Cyan (12%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5450, 7.1263, 47.7570 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 170.5450, 7.1263, 47.7570 by changing the saturation by 10% instead.

170.5450, 7.1263,
47.7570

170.5450, 7.1263,
47.7570

255.0000, 0.0000,
0.0000

143.5340, 7.1317,
46.0127

218.1840, 11.2483,
32.2876

116.9360, 7.4266,
44.7831

236.2160, 9.2605,
16.4736

91.3380, 7.7214,
43.5536

253.2390, 0.8682,
1.5444

65.7400, 8.0162,
42.3240

38.3210, 10.1947,
43.5685

22.8700, 7.4591,
34.3170

14.1970, 1.3819,

23.5062

0.0000, 0.0000,
0.0000

170.5450, 7.1263,
47.7570

170.5450, 7.1263,
47.7570

156.3770, 8.6881,
60.1824

185.3000, 5.2751,
34.8169

141.7360, 10.9762,
73.0225

199.3540, 3.2765,
22.4915

127.5680, 12.5380,
85.4479

214.1090, 1.4253,
9.5514

112.9270, 14.8260,
98.2880

228.1630, -0.5734,
-2.7740

98.7590, 16.3878,
110.7134

242.9180, -2.4246,
-15.7141

■ 84.0040, 18.2390,
123.6535

■ 245.3460, 1.8014,
-17.8434

■ 80.8410, 18.8124,
126.4274

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



170.7940, 22.7796, 20.3517



170.5450, 7.1263, 47.7570



168.5560, -9.6411, 59.1484

Triad

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



170.5450, 7.1263, 47.7570



161.8630, -32.4705, 8.0131



131.4580, 41.6792, -115.2887

Complementary

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



170.5450, 7.1263, 47.7570



194.4550, -7.1263, -47.7570

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.



129.5710, 26.8335, -113.6338



170.5450, 7.1263, 47.7570



157.0530, -20.7321, -23.7255

Square

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



170.5450, 7.1263, 47.7570



164.8000, -33.4254, 34.3784



149.5830, -1.2734, -58.3933



153.1360, 40.3590, -65.0173

Rectangle

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



170.5450, 7.1263, 47.7570



167.6730, -20.5448, 56.4148



149.5830, -1.2734, -58.3933



131.6060, 37.1692, -115.4185

Sweetspot

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



170.5450, 7.1263, 47.7570



237.0820, 2.4246, 15.7141



161.6500, 31.2315, 16.0929



117.1090, 1.4253, 9.5514



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.



170.5450, 7.1263, 47.7570



181.3390, 9.6929, 64.6007



165.7570, -11.2192, 51.9561



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Inverse Universe

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



170.5450, 7.1263, 47.7570



181.3390, 9.6929, 64.6007



199.2430, 11.2192, -51.9561



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 170.5450, 7.1263, 47.7570 looks on a white background.

Color Contrast Check

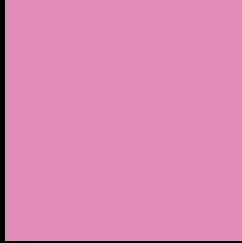
Large Text (above 18pt) WCAG AA × Fail

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 170.5450, 7.1263, 47.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

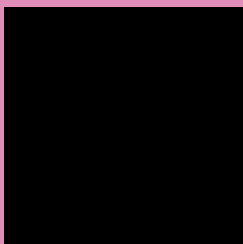
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.5450, 7.1263, 47.7570

Background



This preview shows how black text looks on a background with the YUV color 170.5450, 7.1263, 47.7570.



This preview shows how white text looks on a background with the YUV color 170.5450, 7.1263,

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

170.5450, 7.1263, 47.7570

Protanopia

167.3100, 16.6092, -7.2879

Deuteranopia

168.3520, 6.2355, 6.7073



Tritanopia

169.2770, -6.5456, 46.2381

Trichromacy



Original Color

170.5450, 7.1263, 47.7570



Protanomaly

168.5190, 13.0551, 12.6998



Deuteranomaly

169.1520, 6.3341, 21.7917



Tritanomaly

169.6560, -1.3094, 46.7827

Monochromacy



Original Color

170.5450, 7.1263, 47.7570



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.0930, 2.4192, 17.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5450, 7.1263, 47.7570 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(225, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(225, 140, 185)  
}
```

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(225, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 140, 185) }
```

Border

The CSS property to change the border of an element to YUV 170.5450, 7.1263, 47.7570 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(225, 140, 185) }
```


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

```
.border{ border-color:rgb(225, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 140, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 140, 185); box-shadow:4px 4px 4px 4px rgb(225, 140, 185) }
```

Background

The CSS property to change the background color of an element to YUV 170.5450, 7.1263, 47.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 140, 185) }
```

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

```
.background{ background-color: rgb(225,  
140, 185) }
```

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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