

Converting Colors

YUV(138.6590, -5.7479,
70.4591)

Have a look what the booklet for
YUV(138.6590, -5.7479, 70.4591)
contains.

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Color

**YUV(138.6590, -5.7479,
70.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	DB647F
RGB	219, 100, 127
RGB Percent	86%, 39%, 50%
CMY	0.1412, 0.6078, 0.5020
CMYK	0.00, 0.54, 0.42, 0.14
HSL	346°, 62%, 63%
HSV	346°, 54%, 86%
XYZ	37.6014, 25.7067, 23.0588
YIQ	138.6590, 62.2570, 33.6250

Conversions

Conversions Part 2

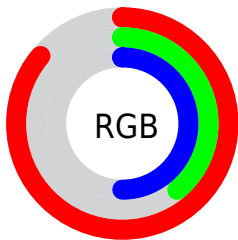
Format	Color
R_{YB}	219, 100, 127
Decimal	14378111
CIE _{Lab}	57.76, 49.13, 7.96
CIE _{LCh}	58, 49.769, 9.198
Yxy	25.7067, 0.4354, 0.2976
Android (android.graphics.Color)	4292568191 (0xFFDB647F)
YUV	138.6590, -5.7479, 70.4591
Hunter-Lab	50.7018, 43.6506, 8.5267

Details

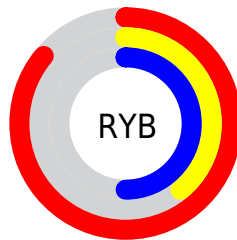
The YUV color **138.6590, -5.7479, 70.4591** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **180.3410, 5.7479, -70.4591**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1630, -3.5314, 59.4930**, and **83.7340, -2.8269, 66.8853** is the 20% darker color. If you saturate the color by 10%, you get **123.8070, -6.8069, 83.4843**, and if you desaturate by 10%, it is **153.5110, -4.6889, 57.4339**.

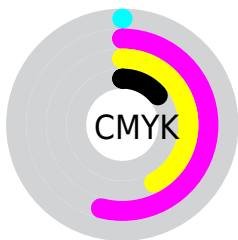
Distribution



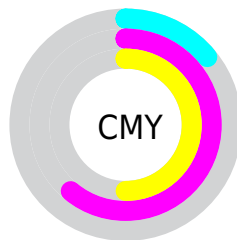
- Red (86%)
- Green (39%)
- Blue (50%)



- Red (86%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (54%)
- Yellow (42%)
- Black (14%)



- Cyan (14%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.6590, -5.7479, 70.4591 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 138.6590, -5.7479, 70.4591 by changing the saturation by 10% instead.


 138.6590, -5.7479,
70.4591

 138.6590, -5.7479,
70.4591


255.0000, 0.0000,
0.0000

 110.9900, -4.4321,
68.4148


 187.1630, -3.5314,
59.4930


 83.7340, -2.8269,
66.8853


 206.6770, 0.1592,
42.3793


 52.0100, 1.9671,
69.2742

 226.8920, 3.9972,
24.6507

 34.6730, -0.3318,
59.9228

 246.1950, 4.3409,
7.7220

 23.7930, -5.8139,
44.9085

 15.1780, -6.4968,
30.5389

 0.0000, 0.0000,

0.0000

■ 138.6590, -5.7479,
70.4591

■ 138.6590, -5.7479,
70.4591

■ 123.8070, -6.8069,
83.4843

■ 153.5110, -4.6889,
57.4339

■ 108.9550, -7.8658,
96.5095

■ 168.3630, -3.6300,
44.4086

■ 94.1030, -8.9248,
109.5347

■ 183.2150, -2.5710,
31.3834

■ 79.2510, -9.9837,
122.5599

■ 198.0670, -1.5120,
18.3582

■ 71.1810, -10.4422,
129.6373

■ 212.9190, -0.4531,
5.3330

■ 227.1840, 0.8953,
-7.1774

■ 242.0360, 1.9543,
-20.2026

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



142.1140, 14.2408, 52.5200



138.6590, -5.7479, 70.4591



137.1750, -25.2293, 65.6215

Triad

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



138.6590, -5.7479, 70.4591



127.7730, -29.4681, -21.7259



114.3040, 52.1081, -100.2446

Complementary

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



138.6590, -5.7479, 70.4591



180.3410, 5.7479, -70.4591

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.



114.7480, 38.5782, -100.6340



138.6590, -5.7479, 70.4591



111.7070, -2.8136, -77.7960

Square

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



138.6590, -5.7479, 70.4591



132.9750, -42.3857, 14.9309



111.1340, 19.6539, -97.4645



132.0600, 45.8194, -43.0256

Rectangle

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



138.6590, -5.7479, 70.4591



136.9380, -35.9584, 53.5514



111.1340, 19.6539, -97.4645



115.2670, 48.1824, -101.0892

Sweetspot

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



138.6590, -5.7479, 70.4591



227.2850, -2.1125, 24.3061



140.7750, 38.5649, 44.0473



111.1590, -1.0644, 14.7696



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.



138.6590, -5.7479, 70.4591



142.9660, -7.8712, 98.2538



154.3650, -26.8019, 56.6849



102.5170, -0.7479, 6.5626



56.1730, -8.4663, 102.4573



14.8940, -2.4127, 27.2800

Inverse Universe

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



138.6590, -5.7479, 70.4591



142.9660, -7.8712, 98.2538



164.6350, 26.8019, -56.6849



102.5170, -0.7479, 6.5626



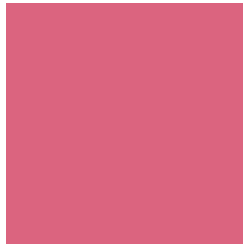
56.1730, -8.4663, 102.4573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 138.6590, -5.7479, 70.4591 looks on a white background.

Color Contrast Check

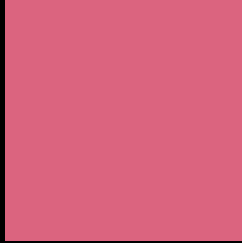
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6590, -5.7479, 70.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

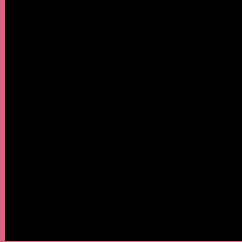
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.6590, -5.7479, 70.4591

Background



This preview shows how black text looks on a background with the YUV color 138.6590, -5.7479, 70.4591.

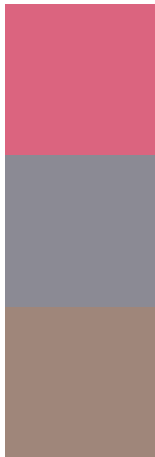


This preview shows how white text looks on a background with the YUV color 138.6590, -5.7479,

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

138.6590, -5.7479, 70.4591

Protanopia

139.4390, 4.2206, -0.3850

Deuteranopia

140.1070, -8.9268, 16.5692



Tritanopia

138.1830, -13.8942, 69.9995

Trichromacy



Original Color

138.6590, -5.7479, 70.4591

Protanomaly

138.9800, 0.5029, 25.4505

Deuteranomaly

139.8690, -7.8234, 36.0719

Tritanomaly

138.2800, -10.9840, 69.9144

Monochromacy



Original Color

138.6590, -5.7479, 70.4591

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9970, -1.9705, 25.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6590, -5.7479, 70.4591 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(219, 100, 127)` looks like.

```
.text, #text, p{  
    color:rgb(219, 100, 127)  
}
```

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(219, 100, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 100, 127) }
```

Border

The CSS property to change the border of an element to YUV 138.6590, -5.7479, 70.4591 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(219, 100, 127) }
```


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

```
.border{ border-color:rgb(219, 100, 127) }
```

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

Here you see how a box with a 4 pixel rgb(219, 100, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 100, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 100, 127);  
box-shadow:4px 4px 4px 4px rgb(219, 100,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 138.6590, -5.7479, 70.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 100, 127) }
```

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

```
.background{ background-color: rgb(219,  
100, 127) }
```

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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