

Converting Colors

YUV(163.8190, 1.5682, 57.1637)

Have a look what the booklet for
YUV(163.8190, 1.5682, 57.1637)
contains.

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Color

**YUV(163.8190, 1.5682,
57.1637)**

Conversions

Conversions Part 1

Format	Color
Hex	E582A7
RGB	229, 130, 167
RGB Percent	90%, 51%, 65%
CMY	0.1020, 0.4902, 0.3451
CMYK	0.00, 0.43, 0.27, 0.10
HSL	338°, 66%, 70%
HSV	338°, 43%, 90%
XYZ	47.2708, 35.4133, 40.9032
YIQ	163.8190, 47.1270, 32.4950

Conversions

Conversions Part 2

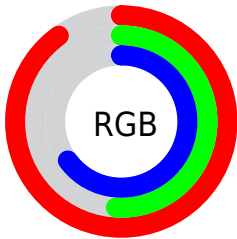
Format	Color
R _Y B	229, 130, 167
Decimal	15041191
CIE Lab	66.07, 42.40, -2.81
CIE LCh	66, 42.492, 356.207
Yxy	35.4133, 0.3825, 0.2865
Android (android.graphics.Color)	4293231271 (0xFFE582A7)
YUV	163.8190, 1.5682, 57.1637
Hunter-Lab	59.5091, 37.6498, 0.9037

Details

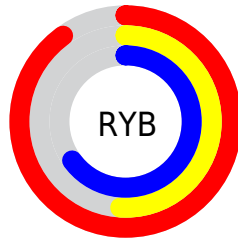
The YUV color **163.8190, 1.5682, 57.1637** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **195.1810, -1.5682, -57.1637**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1480, 5.8430, 39.3352**, and **110.0250, 2.4527, 53.4751** is the 20% darker color. If you saturate the color by 10%, you get **148.7220, 2.1091, 70.4038**, and if you desaturate by 10%, it is **178.9160, 1.0274, 43.9237**.

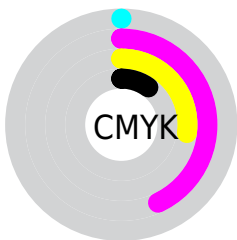
Distribution



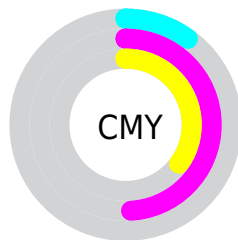
- Red (90%)
- Green (51%)
- Blue (65%)



- Red (90%)
- Yellow (51%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (27%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8190, 1.5682, 57.1637 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 163.8190, 1.5682, 57.1637 by changing the saturation by 10% instead.

163.8190, 1.5682,
57.1637

163.8190, 1.5682,
57.1637

255.0000, 0.0000,
0.0000

136.9220, 2.0105,
55.3194

210.1480, 5.8430,
39.3352

110.0250, 2.4527,
53.4751

229.8900, 10.4072,
22.0215

83.6550, 3.6211,
52.0456

247.3690, 3.7621,
6.6924

56.4100, 5.2209,
52.2604

31.7410, 6.5367,
50.2161

21.6870, 1.6333,
36.2315

11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 163.8190, 1.5682,
57.1637

■ 163.8190, 1.5682,
57.1637

■ 148.7220, 2.1091,
70.4038

■ 178.9160, 1.0274,
43.9237

■ 133.5110, 2.2131,
83.7439

■ 194.1270, 0.9234,
30.5836

■ 118.4140, 2.7539,
96.9839

■ 209.2240, 0.3826,
17.3436

■ 103.3170, 3.2947,
110.2240

■ 224.3210, -0.1583,
4.1035

■ 88.1060, 3.3987,
123.5640

■ 239.5320, -0.2623,
-9.2366

■ 78.2750, 3.8084,
132.1858

■ 246.9980, 2.9590,
-15.7842

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



165.1440, 18.6630, 34.0767



163.8190, 1.5682, 57.1637



161.8570, -16.1985, 62.3924

Triad

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



163.8190, 1.5682, 57.1637



153.7260, -31.4169, -3.2677



128.1470, 46.7625, -112.3849

Complementary

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



163.8190, 1.5682, 57.1637



195.1810, -1.5682, -57.1637

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.



127.6620, 32.2116, -111.9596



163.8190, 1.5682, 57.1637



148.0450, -15.3052, -37.7505

Square

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



163.8190, 1.5682, 57.1637



158.1320, -37.0401, 27.0712



134.2790, 9.7225, -85.3137



150.6580, 42.0736, -54.9511

Rectangle

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



163.8190, 1.5682, 57.1637



161.0660, -26.6545, 56.0701



134.2790, 9.7225, -85.3137



128.4090, 42.6894, -112.6147

Sweetspot

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



163.8190, 1.5682, 57.1637



233.2350, 0.3771, 19.0879



159.5250, 34.2512, 27.6036



114.1910, 0.3988, 12.1105



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.



163.8190, 1.5682, 57.1637



167.4670, 2.2348, 76.7664



166.6450, -18.0660, 54.6853



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Inverse Universe

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



163.8190, 1.5682, 57.1637



167.4670, 2.2348, 76.7664



192.3550, 18.0660, -54.6853



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 163.8190, 1.5682, 57.1637 looks on a white background.

Color Contrast Check

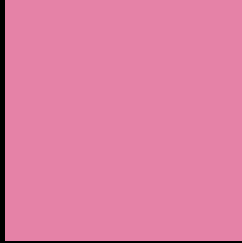
Large Text (above 18pt) WCAG AA × Fail

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 163.8190, 1.5682, 57.1637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

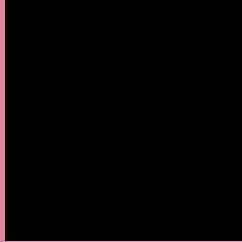
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.8190, 1.5682, 57.1637

Background



This preview shows how black text looks on a background with the YUV color 163.8190, 1.5682, 57.1637.



This preview shows how white text looks on a background with the YUV color 163.8190, 1.5682,

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

163.8190, 1.5682, 57.1637

Protanopia

161.9530, 11.3622, -4.3438

Deuteranopia

162.7780, 0.1094, 11.5957



Tritanopia

162.9470, -9.3409, 56.1745

Trichromacy



Original Color

163.8190, 1.5682, 57.1637



Protanomaly

162.4720, 7.6553, 18.0031



Deuteranomaly

163.2900, 0.3500, 27.8097



Tritanomaly

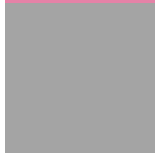
163.5710, -5.7045, 56.5042

Monochromacy



Original Color

163.8190, 1.5682, 57.1637



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.2460, 0.3717, 20.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8190, 1.5682, 57.1637 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(229, 130, 167)` looks like.

```
.text, #text, p{  
    color:rgb(229, 130, 167)  
}
```

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(229, 130, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 130, 167) }
```

Border

The CSS property to change the border of an element to YUV 163.8190, 1.5682, 57.1637 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(229, 130, 167) }
```


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

```
.border{ border-color:rgb(229, 130, 167) }
```

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

Here you see how a box with a 4 pixel rgb(229, 130, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 130, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 130, 167);  
box-shadow:4px 4px 4px 4px rgb(229, 130,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 163.8190, 1.5682, 57.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 130, 167) }
```

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

```
.background{ background-color: rgb(229,  
130, 167) }
```

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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