

Converting Colors

YUV(147.1830, 23.0808,
63.8605)

Have a look what the booklet for
YUV(147.1830, 23.0808, 63.8605)
contains.

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Color

**YUV(147.1830, 23.0808,
63.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	DC65C2
RGB	220, 101, 194
RGB Percent	86%, 40%, 76%
CMY	0.1373, 0.6039, 0.2392
CMYK	0.00, 0.54, 0.12, 0.14
HSL	313°, 63%, 63%
HSV	313°, 54%, 86%
XYZ	43.9065, 28.4180, 54.2100
YIQ	147.1830, 41.0710, 54.1510

Conversions

Conversions Part 2

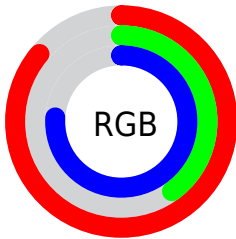
Format	Color
RYB	220, 101, 194
Decimal	14443970
CIELab	60.26, 57.79, -27.02
CIELCh	60, 63.795, 334.937
Yxy	28.4180, 0.3470, 0.2246
Android (android.graphics.Color)	4292634050 (0xFFDC65C2)
YUV	147.1830, 23.0808, 63.8605
Hunter-Lab	53.3086, 53.7277, -22.9766

Details

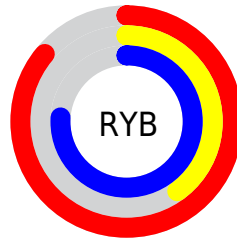
The YUV color **147.1830, 23.0808, 63.8605** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **173.8170, -23.0808, -63.8605**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.4310, 26.9025, 51.3650**, and **90.2260, 24.5386, 62.9458** is the 20% darker color. If you saturate the color by 10%, you get **133.6990, 27.2634, 75.6860**, and if you desaturate by 10%, it is **160.6670, 18.8982, 52.0350**.

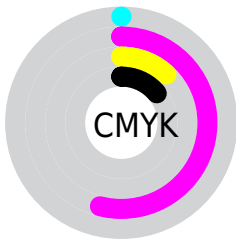
Distribution



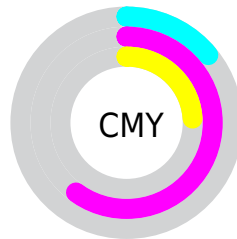
- Red (86%)
- Green (40%)
- Blue (76%)



- Red (86%)
- Yellow (40%)
- Blue (76%)



- Cyan (0%)
- Magenta (54%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1830, 23.0808, 63.8605 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 147.1830, 23.0808, 63.8605 by changing the saturation by 10% instead.

147.1830, 23.0808,
63.8605

147.1830, 23.0808,
63.8605

255.0000, 0.0000,
0.0000

118.9980, 23.6650,
63.1458

196.4310, 26.9025,
51.3650

90.2260, 24.5386,
62.9458

213.9100, 20.2574,
36.0359

54.2360, 29.4637,
69.9530

230.3460, 12.1544,
21.6216

42.2530, 23.5393,
56.7831

247.9560, 3.4727,
6.1776

31.4440, 17.0361,
42.5836

21.7600, 10.9643,
30.0285

9.6840, 6.0718,

12.5551

■ 0.0000, 0.0000,
0.0000

■ 147.1830, 23.0808,
63.8605

■ 147.1830, 23.0808,
63.8605

■ 133.6990, 27.2634,
75.6860

■ 160.6670, 18.8982,
52.0350

■ 120.2150, 31.4460,
87.5114

■ 174.1510, 14.7156,
40.2096

■ 106.8450, 36.0654,
99.2369

■ 187.5210, 10.0961,
28.4841

■ 93.3610, 40.2480,
111.0624

■ 201.0050, 5.9135,
16.6586

■ 85.3880, 42.6997,
118.0547

■ 214.4890, 1.7309,
4.8331

■ 227.9730, -2.4517,
-6.9923

■ 241.4570, -6.6343,
-18.8178

■ 241.9130, -4.8871,
-19.2177

■ 242.4830, -2.7031,
-19.7176

Harmonies

Analogous

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



148.3360, 44.2044, 8.4753



147.1830, 23.0808, 63.8605



141.2300, -1.5924, 91.0063

Triad

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



147.1830, 23.0808, 63.8605



135.6070, -64.3893, 25.7777



123.5020, 41.6575, -108.3113

Complementary

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



147.1830, 23.0808, 63.8605



173.8170, -23.0808, -63.8605

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.



118.4060, 17.0548, -103.8421



147.1830, 23.0808, 63.8605



130.5160, -43.1454, -21.5005

Square

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



147.1830, 23.0808, 63.8605



140.3830, -50.9678, 61.0541



109.4460, -7.1219, -95.9841



124.4260, 60.4290, -109.1216

Rectangle

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



147.1830, 23.0808, 63.8605



140.5340, -19.4903, 91.6167



109.4460, -7.1219, -95.9841



122.1510, 33.9426, -107.1264

Sweetspot

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



147.1830, 23.0808, 63.8605



229.9070, 7.9338, 22.0066



122.3400, 48.1464, 4.0868



112.6410, 4.6140, 13.4698



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.



147.1830, 23.0808, 63.8605



153.4540, 32.3142, 89.0558



140.4570, -2.6903, 69.7592



103.2010, 1.8729, 5.9627



67.2310, 33.9031, 92.7594



17.8580, 8.9440, 24.6805

Inverse Universe

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



147.1830, 23.0808, 63.8605



153.4540, 32.3142, 89.0558



180.5430, 2.6903, -69.7592



103.2010, 1.8729, 5.9627



67.2310, 33.9031, 92.7594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 147.1830, 23.0808, 63.8605 looks on a white background.

Color Contrast Check

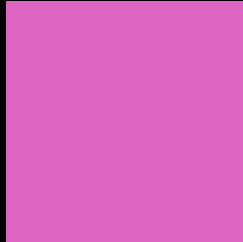
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1830, 23.0808, 63.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

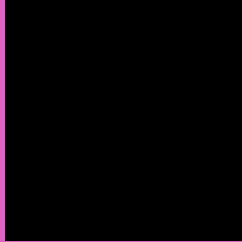
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.1830, 23.0808, 63.8605

Background



This preview shows how black text looks on a background with the YUV color 147.1830, 23.0808, 63.8605.



This preview shows how white text looks on a background with the YUV color 147.1830, 23.0808, 63.8605.

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

147.1830, 23.0808, 63.8605

Protanopia

144.2040, 40.8184, -25.6119

Deuteranopia

146.5210, 19.9561, -7.4729



Tritanopia

146.7300, -10.2199, 58.1188

Trichromacy



Original Color

147.1830, 23.0808, 63.8605



Protanomaly

145.3930, 34.3163, 6.6713



Deuteranomaly

147.0280, 21.1852, 18.3924



Tritanomaly

146.9550, 1.9942, 60.5525

Monochromacy



Original Color

147.1830, 23.0808, 63.8605



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.0320, 8.3652, 23.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1830, 23.0808, 63.8605 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(220, 101, 194)` looks like.

```
.text, #text, p{  
    color:rgb(220, 101, 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(220, 101, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 101, 194) }
```

Border

The CSS property to change the border of an element to YUV 147.1830, 23.0808, 63.8605 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(220, 101, 194) }
```


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

```
.border{ border-color:rgb(220, 101, 194) }
```

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

Here you see how a box with a 4 pixel rgb(220, 101, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 101, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 101, 194);  
box-shadow:4px 4px 4px 4px rgb(220, 101,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 147.1830, 23.0808, 63.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 101, 194) }
```

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

```
.background{ background-color: rgb(220,  
101, 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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