

Converting Colors

YUV(159.8230, 22.2723,
43.1282)

Have a look what the booklet for
YUV(159.8230, 22.2723, 43.1282)
contains.

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Color

**YUV(159.8230, 22.2723,
43.1282)**

Conversions

Conversions Part 1

Format	Color
Hex	D17ECD
RGB	209, 126, 205
RGB Percent	82%, 49%, 80%
CMY	0.1804, 0.5059, 0.1961
CMYK	0.00, 0.40, 0.02, 0.18
HSL	303°, 47%, 66%
HSV	303°, 40%, 82%
XYZ	44.7748, 32.8848, 61.7451
YIQ	159.8230, 24.1090, 42.1650

Conversions

Conversions Part 2

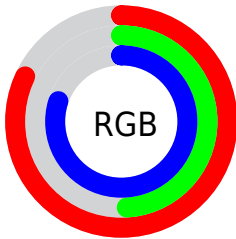
Format	Color
RYB	209, 126, 205
Decimal	13729485
CIELab	64.07, 43.93, -27.50
CIElCh	64, 51.824, 327.957
Yxy	32.8848, 0.3212, 0.2359
Android (android.graphics.Color)	4291919565 (0xFFD17ECD)
YUV	159.8230, 22.2723, 43.1282
Hunter-Lab	57.3453, 39.0174, -23.6974

Details

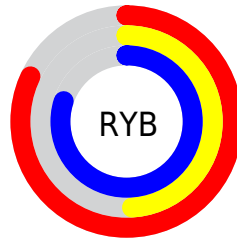
The YUV color **159.8230, 22.2723, 43.1282** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.1770, -22.2723, -43.1282**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **106.3990, 21.9883, 40.8691** is the 20% darker color. If you saturate the color by 10%, you get **147.3820, 27.9127, 54.0390**, and if you desaturate by 10%, it is **172.2640, 16.6318, 32.2175**.

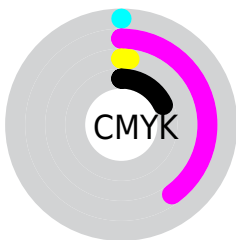
Distribution



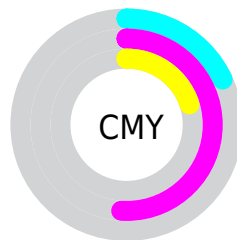
- Red (82%)
- Green (49%)
- Blue (80%)



- Red (82%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8230, 22.2723, 43.1282 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 159.8230, 22.2723, 43.1282 by changing the saturation by 10% instead.

159.8230, 22.2723,
43.1282

159.8230, 22.2723,
43.1282

255.0000, 0.0000,
0.0000

132.9970, 21.6935,
42.0986

210.9750, 21.7043,
38.6099

106.3990, 21.9883,
40.8691

227.9980, 13.3120,
23.6808

79.9860, 21.6989,
40.3543

244.4340, 5.2090,
9.2664

53.2140, 22.5725,
40.1543

30.6760, 21.8517,
37.9951

20.8780, 15.3431,
25.5400

10.2970, 9.7136,

11.1405

■ 0.0000, 0.0000,
0.0000

■ 159.8230, 22.2723,
43.1282

■ 159.8230, 22.2723,
43.1282

■ 147.3820, 27.9127,
54.0390

■ 172.2640, 16.6318,
32.2175

■ 134.9410, 33.5531,
64.9497

■ 184.7050, 10.9914,
21.3067

■ 122.5000, 39.1935,
75.8605

■ 197.1460, 5.3510,
10.3960

■ 110.0590, 44.8339,
86.7713

■ 209.5870, -0.2894,
-0.5148

■ 98.2050, 50.1849,
97.1672

■ 222.0280, -5.9298,
-11.4256

■ 85.7640, 55.8253,
108.0780

■ 233.8820,
-11.2808, -21.8215

■ 85.1770, 56.1147,
108.5928

■ 236.3440,
-12.0016, -23.9807

■ 236.4580,
-11.5648, -24.0807

■ 236.5720,
-11.1280, -24.1806

Harmonies

Analogous

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



156.9940, 39.4430, -4.3797



159.8230, 22.2723, 43.1282



156.6080, 1.6723, 70.5038

Triad

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



159.8230, 22.2723, 43.1282



150.8520, -45.7760, 29.0708



126.9440, 34.5376, -111.3299

Complementary

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



159.8230, 22.2723, 43.1282



175.1770, -22.2723, -43.1282

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.



121.5860, 14.0081, -106.6309



159.8230, 22.2723, 43.1282



145.9830, -37.9526, -7.0011

Square

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



159.8230, 22.2723, 43.1282



153.8030, -37.8639, 58.0548



137.3160, -16.4248, -52.0201



127.5260, 51.9987, -111.8403

Rectangle

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



159.8230, 22.2723, 43.1282



154.8570, -12.7475, 75.5474



137.3160, -16.4248, -52.0201



125.2340, 27.9856, -109.8302

Sweetspot

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



159.8230, 22.2723, 43.1282



236.6890, 8.5343, 16.0587



136.3590, 35.8120, -6.4538



117.3200, 4.7722, 9.3664



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.



159.8230, 22.2723, 43.1282



182.7020, 32.6849, 63.4053



155.2630, 4.8003, 47.1273



98.4290, 2.7465, 5.7628



68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Inverse Universe

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



159.8230, 22.2723, 43.1282



182.7020, 32.6849, 63.4053



179.7370, -4.8003, -47.1273



98.4290, 2.7465, 5.7628



68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 159.8230, 22.2723, 43.1282 looks on a white background.

Color Contrast Check

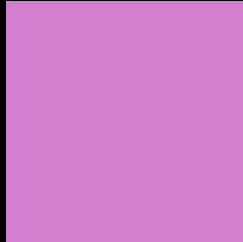
Large Text (above 18pt) WCAG AA × Fail

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 159.8230, 22.2723, 43.1282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

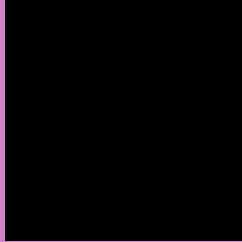
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.8230, 22.2723, 43.1282

Background



This preview shows how black text looks on a background with the YUV color 159.8230, 22.2723, 43.1282.



This preview shows how white text looks on a background with the YUV color 159.8230, 22.2723,

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

159.8230, 22.2723, 43.1282

Protanopia

155.0430, 34.9818, -20.2087

Deuteranopia

156.5640, 21.4139, -8.3876



Tritanopia

158.2760, -5.0661, 38.3459

Trichromacy



Original Color

159.8230, 22.2723, 43.1282



Protanomaly

156.6330, 30.2539, 2.9529



Deuteranomaly

157.7990, 21.7911, 10.7003



Tritanomaly

159.2190, 4.8220, 40.1499

Monochromacy



Original Color

159.8230, 22.2723, 43.1282



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1620, 7.8081, 15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8230, 22.2723, 43.1282 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(209, 126, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 126, 205)  
}
```

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(209, 126, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 126, 205) }
```

Border

The CSS property to change the border of an element to YUV 159.8230, 22.2723, 43.1282 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(209, 126, 205) }
```


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

```
.border{ border-color:rgb(209, 126, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 126, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 126, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 126, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 126,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 159.8230, 22.2723, 43.1282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 126, 205) }
```

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

```
.background{ background-color: rgb(209,  
126, 205) }
```

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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