

Converting Colors

YUV(150.4860, 3.2114, 43.4238)

Have a look what the booklet for
YUV(150.4860, 3.2114, 43.4238)
contains.

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Color

**YUV(150.4860, 3.2114,
43.4238)**

Conversions

Conversions Part 1

Format	Color
Hex	C87C9D
RGB	200, 124, 157
RGB Percent	78%, 49%, 62%
CMY	0.2157, 0.5137, 0.3843
CMYK	0.00, 0.38, 0.21, 0.22
HSL	334°, 41%, 64%
HSV	334°, 38%, 78%
XYZ	37.1129, 29.1290, 35.5647
YIQ	150.4860, 34.7030, 26.3750

Conversions

Conversions Part 2

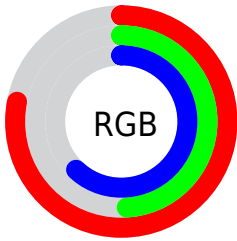
Format	Color
RYB	200, 124, 157
Decimal	13139101
CIELab	60.90, 34.01, -5.16
CIElCh	61, 34.397, 351.375
Yxy	29.1290, 0.3645, 0.2861
Android (android.graphics.Color)	4291329181 (0xFFC87C9D)
YUV	150.4860, 3.2114, 43.4238
Hunter-Lab	53.9713, 28.2942, -1.2896

Details

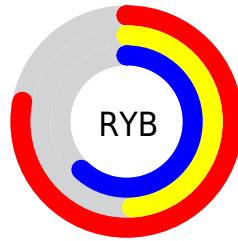
The YUV color **150.4860, 3.2114, 43.4238** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **173.5140, -3.2114, -43.4238**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8990, 3.5008, 43.9386**, and **97.9910, 3.9484, 40.3499** is the 20% darker color. If you saturate the color by 10%, you get **137.4920, 4.1944, 54.8195**, and if you desaturate by 10%, it is **163.4800, 2.2284, 32.0280**.

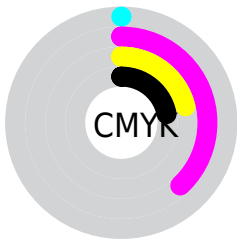
Distribution



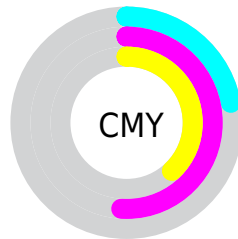
- Red (78%)
- Green (49%)
- Blue (62%)



- Red (78%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (22%)




- Cyan (22%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.4860, 3.2114, 43.4238 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 150.4860, 3.2114, 43.4238 by changing the saturation by 10% instead.


 150.4860, 3.2114,
43.4238

 150.4860, 3.2114,
43.4238


255.0000, 0.0000,
0.0000

 123.8880, 3.5062,
42.1942

 204.8990, 3.5008,
43.9386


 97.9910, 3.9484,
40.3499

 224.5270, 7.6282,
26.7248

 73.3930, 4.2433,
39.1203

 242.6730, 6.0772,
10.8108

 48.0230, 5.4117,
37.6908

 23.9520, 6.4327,
36.8761

 15.2790, 0.3555,
26.0653

 0.0000, 0.0000,

0.0000

■ 150.4860, 3.2114,
43.4238

■ 150.4860, 3.2114,
43.4238

■ 137.4920, 4.1944,
54.8195

■ 163.4800, 2.2284,
32.0280

■ 124.3840, 4.7407,
66.3152

■ 176.5880, 1.6821,
20.5323

■ 111.3900, 5.7237,
77.7110

■ 189.5820, 0.6991,
9.1366

■ 98.3960, 6.7068,
89.1067

■ 202.5760, -0.2840,
-2.2592

■ 85.2880, 7.2530,
100.6024

■ 215.6840, -0.8302,
-13.7549

■ 72.2940, 8.2361,
111.9982

■ 228.6780, -1.8133,
-25.1506

■ 69.7180, 8.5200,
114.2573

■ 236.3890, -0.1918,
-31.9132

■ 237.7570, 5.0498,
-33.1129

■ 238.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



150.9100, 16.8064, 22.8809



150.4860, 3.2114, 43.4238



148.7460, -11.2138, 50.2118

Triad

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



150.4860, 3.2114, 43.4238



142.7250, -26.4864, 1.9952



124.1090, 34.4563, -85.1646

Complementary

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



150.4860, 3.2114, 43.4238



173.5140, -3.2114, -43.4238

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.



120.2150, 23.5580, -89.6426



150.4860, 3.2114, 43.4238



138.5350, -15.0538, -25.0252

Square

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



150.4860, 3.2114, 43.4238



145.5970, -28.8883, 25.7864



131.9300, 2.4995, -55.1896



139.3080, 32.8792, -45.8741

Rectangle

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



150.4860, 3.2114, 43.4238



148.1340, -19.7861, 46.3635



131.9300, 2.4995, -55.1896



117.2060, 33.9154, -98.4047

Sweetspot

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



150.4860, 3.2114, 43.4238



236.7400, 1.1142, 16.0140



145.2220, 27.0056, 18.2223



116.8810, 0.5517, 9.7514



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.



150.4860, 3.2114, 43.4238



178.7970, 5.0301, 66.8300



149.0720, -12.3605, 44.6639



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Inverse Universe

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



150.4860, 3.2114, 43.4238



178.7970, 5.0301, 66.8300



174.9280, 12.3605, -44.6639



93.1470, 0.4205, 5.1331



56.8310, 6.9853, 93.1102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 150.4860, 3.2114, 43.4238 looks on a white background.

Color Contrast Check

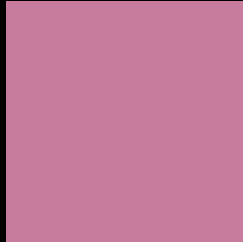
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.4860, 3.2114, 43.4238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

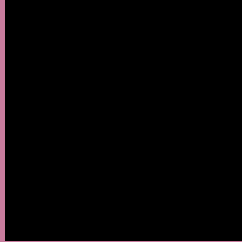
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.4860, 3.2114, 43.4238

Background



This preview shows how black text looks on a background with the YUV color 150.4860, 3.2114, 43.4238.



This preview shows how white text looks on a background with the YUV color 150.4860, 3.2114,

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

150.4860, 3.2114, 43.4238

Protanopia

147.9530, 11.3622, -4.3438

Deuteranopia

149.0380, 2.4463, 8.7367



Tritanopia

149.9560, -6.3873, 42.1346

Trichromacy



Original Color

150.4860, 3.2114, 43.4238

Protanomaly

148.9660, 8.3978, 13.1848

Deuteranomaly

149.5280, 2.6977, 21.4619

Tritanomaly

150.4660, -3.1877, 42.5643

Monochromacy



Original Color

150.4860, 3.2114, 43.4238

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.4410, 1.2616, 15.3992

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4860, 3.2114, 43.4238 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(200, 124, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 124, 157)  
}
```

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(200, 124, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 124, 157) }
```

Border

The CSS property to change the border of an element to YUV 150.4860, 3.2114, 43.4238 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(200, 124, 157) }
```


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

```
.border{ border-color:rgb(200, 124, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 124, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 124, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 124, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 124,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 150.4860, 3.2114, 43.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 124, 157) }
```

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

```
.background{ background-color: rgb(200,  
124, 157) }
```

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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