

Converting Colors

YUV(131.7900, 5.5265, 47.5422)

Have a look what the booklet for
YUV(131.7900, 5.5265, 47.5422)
contains.

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Color

**YUV(131.7900, 5.5265,
47.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	BA668F
RGB	186, 102, 143
RGB Percent	73%, 40%, 56%
CMY	0.2706, 0.6000, 0.4392
CMYK	0.00, 0.45, 0.23, 0.27
HSL	331°, 38%, 56%
HSV	331°, 45%, 73%
XYZ	29.9590, 21.9250, 28.6395
YIQ	131.7900, 36.9030, 30.5590

Conversions

Conversions Part 2

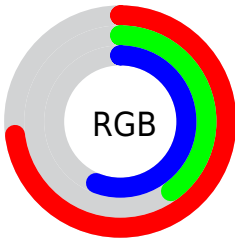
Format	Color
RYB	186, 102, 143
Decimal	12215951
CIELab	53.95, 38.78, -7.55
CIELCh	54, 39.507, 348.990
Yxy	21.9250, 0.3721, 0.2723
Android (android.graphics.Color)	4290406031 (0xFFBA668F)
YUV	131.7900, 5.5265, 47.5422
Hunter-Lab	46.8242, 32.2655, -3.4872

Details

The YUV color **131.7900, 5.5265, 47.5422** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **156.2100, -5.5265, -47.5422**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3990, 5.2263, 50.5161**, and **79.7080, 6.5530, 44.9831** is the 20% darker color. If you saturate the color by 10%, you get **119.4970, 6.6570, 58.3231**, and if you desaturate by 10%, it is **144.0830, 4.3961, 36.7612**.

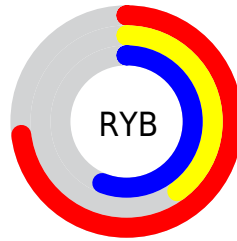
Distribution



Red (73%)

Green (40%)

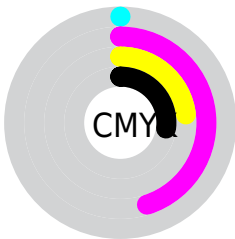
Blue (56%)



Red (73%)

Yellow (40%)

Blue (56%)

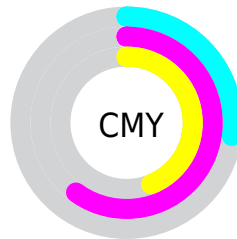


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (27%)



Cyan (27%)


Magenta (60%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7900, 5.5265, 47.5422 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 131.7900, 5.5265, 47.5422 by changing the saturation by 10% instead.


 131.7900, 5.5265,
47.5422

 131.7900, 5.5265,
47.5422

255.0000, 0.0000,
0.0000


 105.7790, 5.5320,
45.7978


 186.3990, 5.2263,
50.5161


 79.7080, 6.5530,
44.9831


 208.7290, 8.0216,
40.5797


 53.6370, 7.5740,
44.1684

 228.3570, 12.1490,
23.3659

 28.6800, 9.0318,
43.2536

 245.6080, 4.6303,
8.2368

 18.8110, 3.5442,
29.9838

 7.8880, -3.3958,
15.8842

 0.0000, 0.0000,

0.0000

■ 131.7900, 5.5265,
47.5422

■ 131.7900, 5.5265,
47.5422

■ 119.4970, 6.6570,
58.3231

■ 144.0830, 4.3961,
36.7612

■ 107.9050, 7.9348,
68.4893

■ 155.6750, 3.1182,
26.5950

■ 95.6120, 9.0653,
79.2703

■ 167.9680, 1.9878,
15.8141

■ 84.0200, 10.3431,
89.4365

■ 179.5600, 0.7099,
5.6479

■ 71.7270, 11.4736,
100.2174

■ 191.8530, -0.4205,
-5.1331

■ 65.9880, 12.3309,
105.2505

■ 204.0320, -1.9878,
-15.8141

■ 215.7380, -2.8288,
-26.0802

■ 227.9170, -4.3961,
-36.7612

■ 231.4050, -1.1857,
-39.8202

Harmonies

Analogous

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



133.1210, 20.1533, 22.6959



131.7900, 5.5265, 47.5422



130.3060, -10.5039, 55.8596

Triad

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



131.7900, 5.5265, 47.5422



123.9980, -30.5650, 3.5098



104.4610, 37.2407, -91.6123

Complementary

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



131.7900, 5.5265, 47.5422



156.2100, -5.5265, -47.5422

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.



102.8020, 23.2686, -90.1574



131.7900, 5.5265, 47.5422



118.8400, -17.6691, -26.1697

Square

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



131.7900, 5.5265, 47.5422



126.9950, -32.5355, 28.9454



107.1840, 3.8533, -69.4444



111.6300, 41.1014, -69.8355

Rectangle

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



131.7900, 5.5265, 47.5422



129.3520, -20.3865, 52.3113



107.1840, 3.8533, -69.4444



104.6090, 32.7308, -91.7421

Sweetspot

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



131.7900, 5.5265, 47.5422



220.1040, 2.4137, 19.2028



124.1340, 30.4999, 17.4225



109.1200, 1.4198, 11.2958



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.7900, 5.5265, 47.5422



157.4650, 8.6448, 74.1372



127.1160, -12.3822, 51.6413



86.1470, 0.4205, 5.1331



55.3080, 10.2012, 88.3069



9.9680, 1.9878, 15.8141

Inverse Universe

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



131.7900, 5.5265, 47.5422



157.4650, 8.6448, 74.1372



160.8840, 12.3822, -51.6413



86.1470, 0.4205, 5.1331



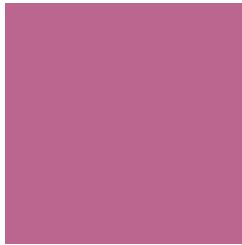
55.3080, 10.2012, 88.3069



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 131.7900, 5.5265, 47.5422 looks on a white background.

Color Contrast Check

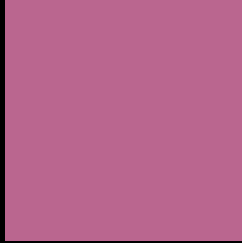
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.7900, 5.5265, 47.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

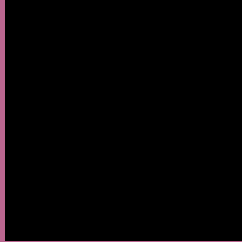
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.7900, 5.5265, 47.5422

Background



This preview shows how black text looks on a background with the YUV color 131.7900, 5.5265, 47.5422.



This preview shows how white text looks on a background with the YUV color 131.7900, 5.5265,

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

131.7900, 5.5265, 47.5422

Protanopia

129.8540, 14.8620, -6.8880

Deuteranopia

131.0700, 3.9095, 6.0776



Tritanopia

130.6360, -7.7085, 45.9232

Trichromacy



Original Color

131.7900, 5.5265, 47.5422

Protanomaly

130.7640, 11.4553, 12.4850

Deuteranomaly

130.9840, 4.4449, 21.0620

Tritanomaly

130.9010, -2.9092, 46.5678

Monochromacy



Original Color

131.7900, 5.5265, 47.5422

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9790, 1.9824, 17.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7900, 5.5265, 47.5422 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(186, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(186, 102, 143)  
}
```

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(186, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 102, 143) }
```

Border

The CSS property to change the border of an element to YUV 131.7900, 5.5265, 47.5422 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(186, 102, 143) }
```


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

```
.border{ border-color:rgb(186, 102, 143) }
```

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

Here you see how a box with a 4 pixel rgb(186, 102, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(186, 102,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 131.7900, 5.5265, 47.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 102, 143) }
```

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

```
.background{ background-color: rgb(186,  
102, 143) }
```

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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