

Converting Colors

YUV(147.8230, 5.5103, 52.7752)

Have a look what the booklet for
YUV(147.8230, 5.5103, 52.7752)
contains.

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Color

**YUV(147.8230, 5.5103,
52.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	D0739F
RGB	208, 115, 159
RGB Percent	82%, 45%, 62%
CMY	0.1843, 0.5490, 0.3765
CMYK	0.00, 0.45, 0.24, 0.18
HSL	332°, 50%, 63%
HSV	332°, 45%, 82%
XYZ	38.4012, 28.1746, 36.2152
YIQ	147.8230, 41.3040, 33.4000

Conversions

Conversions Part 2

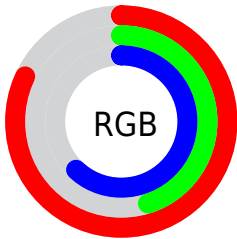
Format	Color
R _Y B	208, 115, 159
Decimal	13661087
CIE Lab	60.05, 41.85, -7.46
CIE LCh	60, 42.508, 349.896
Yxy	28.1746, 0.3736, 0.2741
Android (android.graphics.Color)	4291851167 (0xFFD0739F)
YUV	147.8230, 5.5103, 52.7752
Hunter-Lab	53.0797, 36.2485, -3.2965

Details

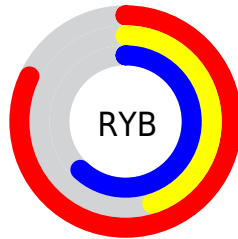
The YUV color **147.8230, 5.5103, 52.7752** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.1770, -5.5103, -52.7752**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8440, 6.9789, 48.3718**, and **94.4420, 6.6841, 49.6014** is the 20% darker color. If you saturate the color by 10%, you get **134.2420, 6.7827, 64.6858**, and if you desaturate by 10%, it is **161.4040, 4.2378, 40.8647**.

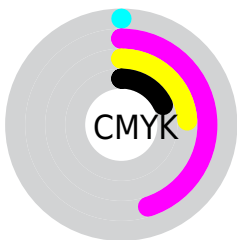
Distribution



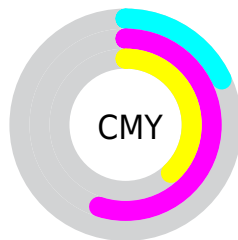
- Red (82%)
- Green (45%)
- Blue (62%)



- Red (82%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (18%)



- Cyan (18%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.8230, 5.5103, 52.7752 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 147.8230, 5.5103, 52.7752 by changing the saturation by 10% instead.

 147.8230, 5.5103,
52.7752


 147.8230, 5.5103,
52.7752


255.0000, 0.0000,
0.0000

 120.9260, 5.9525,
50.9309


 199.8440, 6.9789,
48.3718

 94.4420, 6.6841,
49.6014

 219.4720, 11.1063,
31.1581

 68.2570, 7.2683,
48.8866

 237.3900, 8.6817,
15.4440

 39.3650, 10.1731,
50.5459

254.4130, 0.2894,
0.5148

 25.6750, 6.5692,
39.7500

 16.7030, 0.6394,
28.3245

 0.0000, 0.0000,

0.0000

■ 147.8230, 5.5103,
52.7752

■ 147.8230, 5.5103,
52.7752

■ 134.2420, 6.7827,
64.6858

■ 161.4040, 4.2378,
40.8647

■ 120.6610, 8.0551,
76.5963

■ 174.9850, 2.9654,
28.9542

■ 107.6670, 9.0382,
87.9920

■ 187.9790, 1.9824,
17.5584

■ 94.0860, 10.3106,
99.9026

■ 201.5600, 0.7099,
5.6479

■ 80.5050, 11.5830,
111.8131

■ 215.1410, -0.5625,
-6.2627

■ 73.3640, 12.1455,
118.0758

■ 228.7220, -1.8349,
-18.1732

■ 238.7810, -1.3710,
-26.9949

■ 240.0350, 3.4337,
-28.0947

■ 240.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



148.8980, 21.7423, 26.3995



147.8230, 5.5103, 52.7752



145.8830, -12.2673, 61.4926

Triad

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



147.8230, 5.5103, 52.7752



139.0150, -33.0384, 3.4948



116.8340, 41.4938, -102.4634

Complementary

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



147.8230, 5.5103, 52.7752



175.1770, -5.5103, -52.7752

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.



115.5340, 26.3587, -101.3233



147.8230, 5.5103, 52.7752



133.7640, -19.1107, -30.4880

Square

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



147.8230, 5.5103, 52.7752



142.2080, -35.5985, 31.3896



120.0690, 4.8960, -77.2365



127.2320, 44.7486, -72.9945

Rectangle

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



147.8230, 5.5103, 52.7752



145.1030, -22.7288, 56.9147



120.0690, 4.8960, -77.2365



116.9820, 36.9839, -102.5932

Sweetspot

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



147.8230, 5.5103, 52.7752



233.6910, 2.1243, 18.6880



139.9540, 33.5467, 20.2113



114.4190, 1.2724, 11.9105



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.



147.8230, 5.5103, 52.7752



165.6720, 8.0497, 78.3407



143.9810, -14.2876, 56.1447



97.8590, 0.5625, 6.2627



59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Inverse Universe

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



147.8230, 5.5103, 52.7752



165.6720, 8.0497, 78.3407



179.0190, 14.2876, -56.1447



97.8590, 0.5625, 6.2627



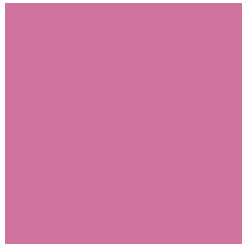
59.3520, 10.1795, 95.2843



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 147.8230, 5.5103, 52.7752 looks on a white background.

Color Contrast Check

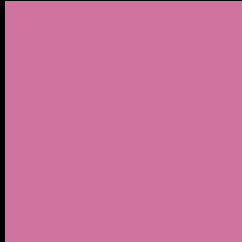
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.8230, 5.5103, 52.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

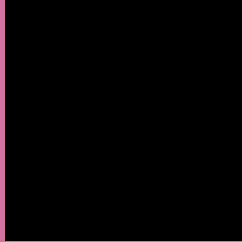
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.8230, 5.5103, 52.7752

Background



This preview shows how black text looks on a background with the YUV color 147.8230, 5.5103, 52.7752.



This preview shows how white text looks on a background with the YUV color 147.8230, 5.5103,

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

147.8230, 5.5103, 52.7752

Protanopia

145.7830, 15.8830, -7.7027

Deuteranopia

146.7820, 4.0515, 7.2072



Tritanopia

147.1420, -8.4510, 50.7415

Trichromacy



Original Color

147.8230, 5.5103, 52.7752

Protanomaly

146.3020, 12.1761, 14.6441

Deuteranomaly

147.2940, 4.2921, 23.4212

Tritanomaly

147.5210, -3.2149, 51.2861

Monochromacy



Original Color

147.8230, 5.5103, 52.7752

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9900, 1.9769, 19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.8230, 5.5103, 52.7752 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(208, 115, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 115, 159)  
}
```

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(208, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 115, 159) }
```

Border

The CSS property to change the border of an element to YUV 147.8230, 5.5103, 52.7752 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(208, 115, 159) }
```


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

```
.border{ border-color:rgb(208, 115, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 115, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 115, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 115,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 147.8230, 5.5103, 52.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 115, 159) }
```

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

```
.background{ background-color: rgb(208,  
115, 159) }
```

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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