

Converting Colors

YUV(147.2120, 12.2205,
47.1721)

Have a look what the booklet for
YUV(147.2120, 12.2205, 47.1721)
contains.

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Color

**YUV(147.2120, 12.2205,
47.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	C973AC
RGB	201, 115, 172
RGB Percent	79%, 45%, 67%
CMY	0.2118, 0.5490, 0.3255
CMYK	0.00, 0.43, 0.14, 0.21
HSL	320°, 44%, 62%
HSV	320°, 43%, 79%
XYZ	37.6645, 27.6575, 42.3830
YIQ	147.2120, 32.9590, 35.9590

Conversions

Conversions Part 2

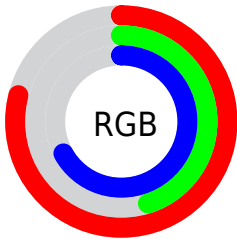
Format	Color
R _Y B	201, 115, 172
Decimal	13202348
CIE Lab	59.58, 41.49, -15.72
CIE LCh	60, 44.367, 339.245
Yxy	27.6575, 0.3497, 0.2568
Android (android.graphics.Color)	4291392428 (0xFFC973AC)
YUV	147.2120, 12.2205, 47.1721
Hunter-Lab	52.5904, 35.8059, -10.9690

Details

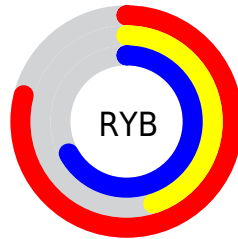
The YUV color **147.2120, 12.2205, 47.1721** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.7880, -12.2205, -47.1721**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3260, 12.6573, 47.0721**, and **94.6030, 12.5207, 44.1982** is the 20% darker color. If you saturate the color by 10%, you get **134.6740, 14.9507, 58.1679**, and if you desaturate by 10%, it is **159.7500, 9.4902, 36.1763**.

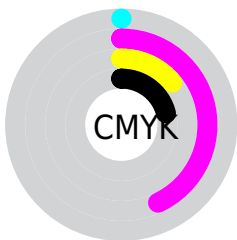
Distribution



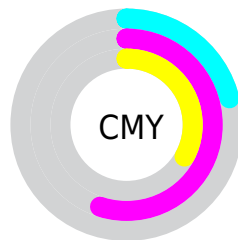
- Red (79%)
- Green (45%)
- Blue (67%)



- Red (79%)
- Yellow (45%)
- Blue (67%)



- Cyan (0%)
- Magenta (43%)
- Yellow (14%)
- Black (21%)





- Cyan (21%)
- Magenta (55%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2120, 12.2205, 47.1721 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 147.2120, 12.2205, 47.1721 by changing the saturation by 10% instead.


 147.2120, 12.2205,
47.1721


 147.2120, 12.2205,
47.1721


255.0000, 0.0000,
0.0000

 120.5000, 12.0785,
46.0425


 201.3260, 12.6573,
47.0721

 94.6030, 12.5207,
44.1982


 220.9540, 16.7847,
29.8583


 68.4180, 13.1049,
43.4834

 237.3900, 8.6817,
15.4440

 39.7110, 15.4255,
45.8575

254.4130, 0.2894,
0.5148

 25.2060, 11.2374,
35.7763

 16.6470, 5.5970,
24.8656

 0.0000, 0.0000,

0.0000

■ 147.2120, 12.2205,
47.1721

■ 147.2120, 12.2205,
47.1721

■ 134.6740, 14.9507,
58.1679

■ 159.7500, 9.4902,
36.1763

■ 122.1360, 17.6810,
69.1637

■ 172.2880, 6.7600,
25.1804

■ 109.7120, 20.8480,
80.0596

■ 184.7120, 3.5930,
14.2846

■ 97.1740, 23.5782,
91.0554

■ 197.2500, 0.8628,
3.2887

■ 84.6360, 26.3085,
102.0512

■ 210.3750, -2.1569,
-8.2219

■ 75.2610, 28.4653,
110.2731

■ 222.9130, -4.8871,
-19.2177

■ 234.7500, -7.7648,
-29.5987

■ 235.5480, -4.7072,
-30.2986

■ 236.3460, -1.6496,
-30.9984

Harmonies

Analogous

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



146.8300, 28.1848, 13.3041



147.2120, 12.2205, 47.1721



145.2020, -6.0156, 62.9668

Triad

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



147.2120, 12.2205, 47.1721



138.6420, -37.2915, 14.3460



116.9820, 36.9839, -102.5932

Complementary

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



147.2120, 12.2205, 47.1721



168.7880, -12.2205, -47.1721

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.



113.3510, 20.5330, -99.4088



147.2120, 12.2205, 47.1721



134.0060, -26.1320, -18.4223

Square

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



147.2120, 12.2205, 47.1721



141.9750, -35.4837, 41.2409



123.9480, -4.9044, -60.4674



115.6090, 49.4928, -101.3891

Rectangle

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



147.2120, 12.2205, 47.1721



143.5150, -17.5089, 62.6923



123.9480, -4.9044, -60.4674



116.2010, 31.4529, -101.9083

Sweetspot

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



147.2120, 12.2205, 47.1721



234.3750, 4.7451, 18.0881



133.4750, 33.2898, 9.2304



114.8750, 3.0196, 11.5106



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.



147.2120, 12.2205, 47.1721



173.6740, 18.4017, 71.3229



142.3100, -6.5618, 51.4711



93.3750, 1.2941, 4.9331



61.0490, 23.1468, 89.4110



13.5000, 5.1765, 19.7325

Inverse Universe

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



147.2120, 12.2205, 47.1721



173.6740, 18.4017, 71.3229



173.6900, 6.5618, -51.4711



93.3750, 1.2941, 4.9331



61.0490, 23.1468, 89.4110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 147.2120, 12.2205, 47.1721 looks on a white background.

Color Contrast Check

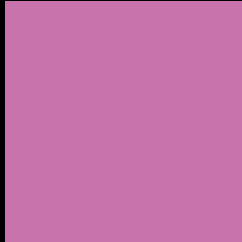
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2120, 12.2205, 47.1721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

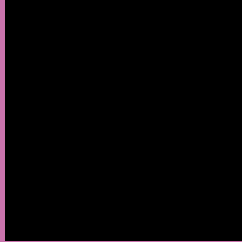
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.2120, 12.2205, 47.1721

Background



This preview shows how black text looks on a background with the YUV color 147.2120, 12.2205, 47.1721.



This preview shows how white text looks on a background with the YUV color 147.2120, 12.2205,

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

147.2120, 12.2205, 47.1721

Protanopia

143.9980, 23.1720, -12.2762

Deuteranopia

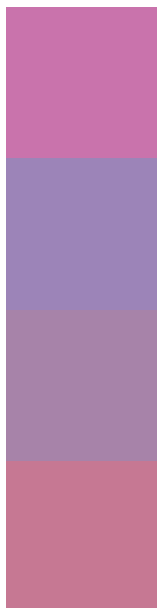
145.2850, 11.1985, 1.5041



Tritanopia

146.1520, -6.9769, 44.5937

Trichromacy



Original Color

147.2120, 12.2205, 47.1721

Protanomaly

145.1040, 19.1757, 9.5558

Deuteranomaly

146.0960, 11.2917, 18.3328

Tritanomaly

146.4000, 0.2958, 45.2532

Monochromacy



Original Color

147.2120, 12.2205, 47.1721

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2120, 12.2205, 47.1721 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(201, 115, 172)` looks like.

```
.text, #text, p{  
    color:rgb(201, 115, 172)  
}
```

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(201, 115, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 115, 172) }
```

Border

The CSS property to change the border of an element to YUV 147.2120, 12.2205, 47.1721 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(201, 115, 172) }
```


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

```
.border{ border-color:rgb(201, 115, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 115, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 115, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 115, 172);  
box-shadow:4px 4px 4px 4px rgb(201, 115,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 147.2120, 12.2205, 47.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 115, 172) }
```

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

```
.background{ background-color: rgb(201,  
115, 172) }
```

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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