

Converting Colors

YUV(137.5110, 12.0731,
47.7869)

Have a look what the booklet for
YUV(137.5110, 12.0731, 47.7869)
contains.

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Color

**YUV(137.5110, 12.0731,
47.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	C069A2
RGB	192, 105, 162
RGB Percent	75%, 41%, 64%
CMY	0.2471, 0.5882, 0.3647
CMYK	0.00, 0.45, 0.16, 0.25
HSL	321°, 41%, 58%
HSV	321°, 45%, 75%
XYZ	33.3114, 23.9183, 37.0434
YIQ	137.5110, 33.5550, 36.1710

Conversions

Conversions Part 2

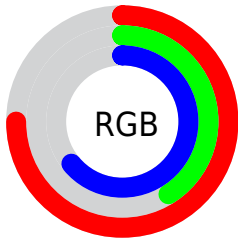
Format	Color
R_{YB}	192, 105, 162
Decimal	12609954
CIE _{Lab}	56.01, 42.15, -15.47
CIE _{LCh}	56, 44.903, 339.845
Yxy	23.9183, 0.3534, 0.2537
Android (android.graphics.Color)	4290800034 (0xFFC069A2)
YUV	137.5110, 12.0731, 47.7869
Hunter-Lab	48.9063, 35.9951, -10.6740

Details

The YUV color **137.5110, 12.0731, 47.7869** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **159.4890, -12.0731, -47.7869**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2340, 12.2096, 50.6608**, and **84.9020, 12.3733, 44.8129** is the 20% darker color. If you saturate the color by 10%, you get **125.5600, 14.5139, 58.2679**, and if you desaturate by 10%, it is **149.4620, 9.6322, 37.3058**.

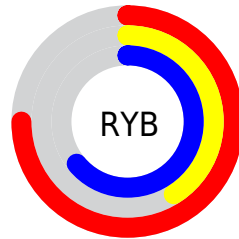
Distribution



Red (75%)

Green (41%)

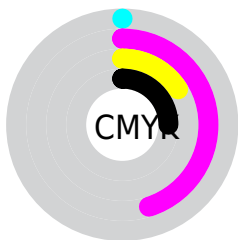
Blue (64%)



Red (75%)

Yellow (41%)

Blue (64%)

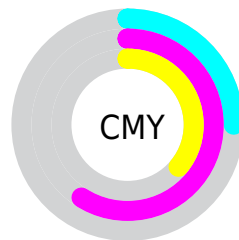


Cyan (0%)

Magenta (45%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (59%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.5110, 12.0731, 47.7869 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 137.5110, 12.0731, 47.7869 by changing the saturation by 10% instead.


 137.5110, 12.0731,
47.7869


 137.5110, 12.0731,
47.7869

255.0000, 0.0000,
0.0000


 110.9130, 12.3679,
46.5573


 192.2340, 12.2096,
50.6608


 84.9020, 12.3733,
44.8129


 213.3570, 15.6000,
36.5209


 58.5430, 13.5363,
45.1278

 230.9330, 11.8650,
21.1068

 32.1840, 14.6993,
45.4426

 247.9560, 3.4727,
6.1776

 21.9020, 8.9223,
31.6579

 12.6310, 3.1399,
19.6176

 0.0000, 0.0000,

0.0000

■ 137.5110, 12.0731,
47.7869

■ 137.5110, 12.0731,
47.7869

■ 125.5600, 14.5139,
58.2679

■ 149.4620, 9.6322,
37.3058

■ 113.7230, 17.3916,
68.6489

■ 161.2990, 6.7546,
26.9248

■ 101.1850, 20.1218,
79.6448

■ 173.8370, 4.0244,
15.9290

■ 89.3480, 22.9994,
90.0258

■ 185.6740, 1.1467,
5.5479

■ 77.3970, 25.4403,
100.5068

■ 197.6250, -1.2941,
-4.9331

■ 71.7720, 26.7344,
105.4400

■ 209.5760, -3.7350,
-15.4142

■ 221.4130, -6.6126,
-25.7952

■ 231.6030, -8.1853,
-34.7318

■ 232.4010, -5.1277,
-35.4317

Harmonies

Analogous

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



138.0150, 27.6006, 14.0188



137.5110, 12.0731, 47.7869



135.2020, -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.



137.5110, 12.0731, 47.7869



129.3430, -37.1441, 13.7312



110.0860, 35.9466, -96.5454

Complementary

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



137.5110, 12.0731, 47.7869



159.4890, -12.0731, -47.7869

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.



107.0420, 19.2063, -93.8758



137.5110, 12.0731, 47.7869



124.4080, -25.8371, -19.6518

Square

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



137.5110, 12.0731, 47.7869



132.2630, -35.6257, 40.1113



112.9690, -3.4357, -64.8708



109.3000, 48.1661, -95.8561

Rectangle

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



137.5110, 12.0731, 47.7869



134.1020, -17.7983, 62.1775



112.9690, -3.4357, -64.8708



109.4190, 30.8524, -95.9605

Sweetspot

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



137.5110, 12.0731, 47.7869



228.0870, 4.8871, 19.2177



123.5890, 33.7266, 9.1304



111.8750, 3.0196, 11.5106



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.5110, 12.0731, 47.7869



165.3970, 18.5383, 74.1968



132.7230, -6.2724, 51.9859



90.7880, 1.5835, 5.4479



60.1090, 22.1313, 88.4814



12.3750, 4.7451, 18.0881

Inverse Universe

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



137.5110, 12.0731, 47.7869



165.3970, 18.5383, 74.1968



164.2770, 6.2724, -51.9859



90.7880, 1.5835, 5.4479



60.1090, 22.1313, 88.4814



12.3750, 4.7451, 18.0881

Previews

White Background



This preview shows how the YUV color 137.5110, 12.0731, 47.7869 looks on a white background.

Color Contrast Check

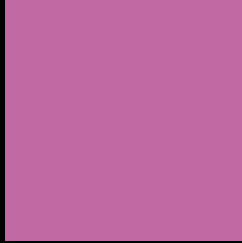
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.5110, 12.0731, 47.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

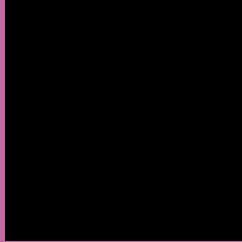
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.5110, 12.0731, 47.7869

Background



This preview shows how black text looks on a background with the YUV color 137.5110, 12.0731, 47.7869.



This preview shows how white text looks on a background with the YUV color 137.5110, 12.0731,

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

137.5110, 12.0731, 47.7869

Protanopia

134.9980, 23.1720, -12.2762

Deuteranopia

135.7580, 10.4723, 1.0892



Tritanopia

136.4510, -7.1243, 45.2085

Trichromacy



Original Color

137.5110, 12.0731, 47.7869

Protanomaly

136.1040, 19.1757, 9.5558

Deuteranomaly

136.6830, 11.0023, 17.8180

Tritanomaly

136.6990, 0.1484, 45.8680

Monochromacy



Original Color

137.5110, 12.0731, 47.7869

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5110, 12.0731, 47.7869 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(192, 105, 162)` looks like.

```
.text, #text, p{  
    color:rgb(192, 105, 162)  
}
```

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(192, 105, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 105, 162) }
```

Border

The CSS property to change the border of an element to YUV 137.5110, 12.0731, 47.7869 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(192, 105, 162) }
```


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

```
.border{ border-color:rgb(192, 105, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 105, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 105, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 105, 162);  
box-shadow:4px 4px 4px 4px rgb(192, 105,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 137.5110, 12.0731, 47.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 105, 162) }
```

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

```
.background{ background-color: rgb(192,  
105, 162) }
```

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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