

Converting Colors

YUV(138.2920, 17.6040,
47.1019)

Have a look what the booklet for
YUV(138.2920, 17.6040, 47.1019)
contains.

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Color

**YUV(138.2920, 17.6040,
47.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	C068AE
RGB	192, 104, 174
RGB Percent	75%, 41%, 68%
CMY	0.2471, 0.5922, 0.3176
CMYK	0.00, 0.46, 0.09, 0.25
HSL	312°, 41%, 58%
HSV	312°, 46%, 75%
XYZ	34.3285, 24.1631, 42.8990
YIQ	138.2920, 29.9780, 40.4260

Conversions

Conversions Part 2

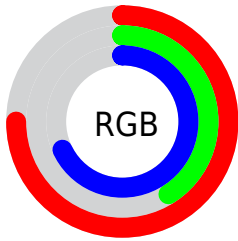
Format	Color
R _Y B	192, 104, 174
Decimal	12609710
CIE Lab	56.25, 44.65, -22.05
CIE LCh	56, 49.798, 333.718
Yxy	24.1631, 0.3386, 0.2383
Android (android.graphics.Color)	4290799790 (0xFFC068AE)
YUV	138.2920, 17.6040, 47.1019
Hunter-Lab	49.1560, 38.6342, -17.3340

Details

The YUV color **138.2920, 17.6040, 47.1019** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **157.7080, -17.6040, -47.1019**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7160, 17.8880, 49.3611**, and **84.9820, 17.7569, 44.7428** is the 20% darker color. If you saturate the color by 10%, you get **126.6830, 21.3553, 57.2830**, and if you desaturate by 10%, it is **149.9010, 13.8528, 36.9208**.

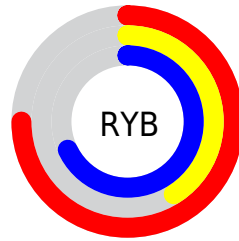
Distribution



Red (75%)

Green (41%)

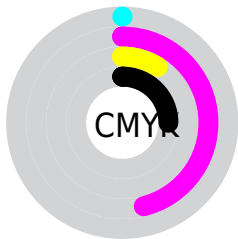
Blue (68%)



Red (75%)

Yellow (41%)

Blue (68%)

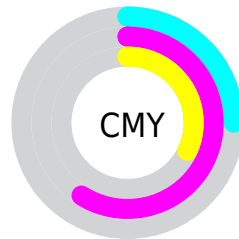


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (59%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.2920, 17.6040, 47.1019 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 138.2920, 17.6040, 47.1019 by changing the saturation by 10% instead.


 138.2920, 17.6040,
47.1019


 138.2920, 17.6040,
47.1019


255.0000, 0.0000,
0.0000


 111.5800, 17.4621,
45.9723


 193.7160, 17.8880,
49.3611

 84.9820, 17.7569,
44.7428


 213.9100, 20.2574,
36.0359

 58.5090, 18.4831,
45.1576

 230.3460, 12.1544,
21.6216

 33.3240, 19.0673,
44.4429

 247.3690, 3.7621,
6.6924

 23.0420, 13.2903,
30.6582

 13.7710, 7.5079,
18.6178

 0.0000, 0.0000,

0.0000

■ 138.2920, 17.6040,
47.1019

■ 138.2920, 17.6040,
47.1019

■ 126.6830, 21.3553,
57.2830

■ 149.9010, 13.8528,
36.9208

■ 115.0740, 25.1065,
67.4641

■ 161.5100, 10.1016,
26.7397

■ 102.8780, 29.1471,
78.1600

■ 173.7060, 6.0609,
16.0438

■ 91.2690, 32.8984,
88.3411

■ 185.3150, 2.3097,
5.8627

■ 79.6600, 36.6496,
98.5222

■ 196.9240, -1.4415,
-4.3183

■ 74.8500, 38.5280,
102.7405

■ 208.5330, -5.1928,
-14.4994

■ 220.0280, -9.3808,
-24.5806

■ 230.4630,
-12.5533, -33.7321

■ 230.9190,
-10.8061, -34.1320

Harmonies

Analogous

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



137.6810, 34.1743, 5.5418



138.2920, 17.6040, 47.1019



134.9730, -1.9587, 68.4297

Triad

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



138.2920, 17.6040, 47.1019



129.4920, -43.1336, 21.4935



111.7330, 34.6416, -97.9898

Complementary

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



138.2920, 17.6040, 47.1019



157.7080, -17.6040, -47.1019

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.



107.4180, 15.5699, -94.2056



138.2920, 17.6040, 47.1019



125.0190, -32.5474, -14.0487

Square

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



138.2920, 17.6040, 47.1019



132.7480, -37.8368, 49.3330



113.1990, -8.9721, -62.4415



111.6310, 49.4819, -97.9004

Rectangle

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



138.2920, 17.6040, 47.1019



133.8410, -15.2046, 70.2994



113.1990, -8.9721, -62.4415



110.7240, 28.2371, -97.1049

Sweetspot

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



138.2920, 17.6040, 47.1019



228.6570, 7.0711, 18.7178



119.4140, 35.7849, 2.2679



112.2170, 4.3300, 11.2107



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.



138.2920, 17.6040, 47.1019



165.8020, 27.7056, 73.8416



133.2760, -1.6151, 51.5009



90.9020, 2.0203, 5.3479



62.7310, 32.1776, 86.1819



12.8310, 6.4923, 17.6882

Inverse Universe

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



138.2920, 17.6040, 47.1019



165.8020, 27.7056, 73.8416



162.7240, 1.6151, -51.5009



90.9020, 2.0203, 5.3479



62.7310, 32.1776, 86.1819



12.8310, 6.4923, 17.6882

Previews

White Background



This preview shows how the YUV color 138.2920, 17.6040, 47.1019 looks on a white background.

Color Contrast Check

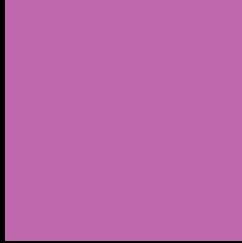
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2920, 17.6040, 47.1019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

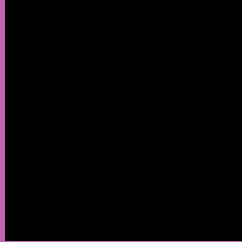
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2920, 17.6040, 47.1019

Background



This preview shows how black text looks on a background with the YUV color 138.2920, 17.6040, 47.1019.



This preview shows how white text looks on a background with the YUV color 138.2920, 17.6040,

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

138.2920, 17.6040, 47.1019

Protanopia

134.8000, 30.1716, -17.3646

Deuteranopia

136.5060, 16.0195, -4.8288



Tritanopia

137.1410, -6.9715, 42.8493

Trichromacy



Original Color

138.2920, 17.6040, 47.1019

Protanomaly

135.8030, 25.7331, 6.3118

Deuteranomaly

136.8550, 16.8335, 14.1592

Tritanomaly

137.5570, 2.1904, 44.2385

Monochromacy



Original Color

138.2920, 17.6040, 47.1019

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.4180, 6.2029, 17.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2920, 17.6040, 47.1019 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, 104, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 104, 174)  
}
```

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, 104, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 104, 174) }
```

Border

The CSS property to change the border of an element to YUV 138.2920, 17.6040, 47.1019 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, 104, 174) }
```


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

```
.border{ border-color:rgb(192, 104, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 104, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 104, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 104, 174);  
box-shadow:4px 4px 4px 4px rgb(192, 104,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 138.2920, 17.6040, 47.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 104, 174) }
```

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

```
.background{ background-color: rgb(192,  
104, 174) }
```

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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