

Converting Colors

YUV(149.0920, 27.5626,
26.2293)

Have a look what the booklet for
YUV(149.0920, 27.5626, 26.2293)
contains.

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Color

**YUV(149.0920, 27.5626,
26.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	B37BCD
RGB	179, 123, 205
RGB Percent	70%, 48%, 80%
CMY	0.2980, 0.5176, 0.1961
CMYK	0.13, 0.40, 0.00, 0.20
HSL	281°, 45%, 64%
HSV	281°, 40%, 80%
XYZ	36.6928, 28.1574, 61.2586
YIQ	149.0920, 7.0540, 37.3740

Conversions

Conversions Part 2

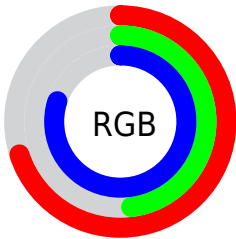
Format	Color
RYB	179, 123, 205
Decimal	11762637
CIELab	60.03, 36.35, -34.02
CIELCh	60, 49.787, 316.897
Yxy	28.1574, 0.2910, 0.2233
Android (android.graphics.Color)	4289952717 (0xFFB37BCD)
YUV	149.0920, 27.5626, 26.2293
Hunter-Lab	53.0635, 30.5694, -31.3022

Details

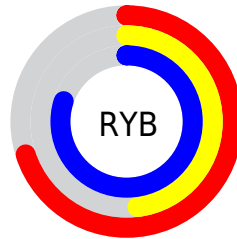
The YUV color **149.0920, 27.5626, 26.2293** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **178.9080, -27.5626, -26.2293**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.9460, 25.6626, 28.9884**, and **97.3260, 25.9683, 24.2701** is the 20% darker color. If you saturate the color by 10%, you get **135.2590, 34.3823, 32.2219**, and if you desaturate by 10%, it is **163.5120, 20.4536, 19.7220**.

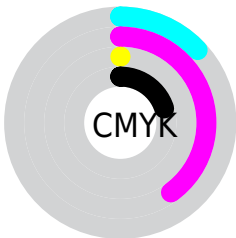
Distribution



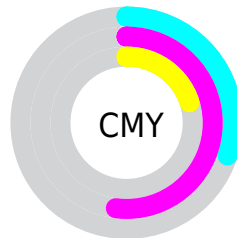
- Red (70%)
- Green (48%)
- Blue (80%)



- Red (70%)
- Yellow (48%)
- Blue (80%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)




- Cyan (30%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.0920, 27.5626, 26.2293 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 149.0920, 27.5626, 26.2293 by changing the saturation by 10% instead.


 149.0920, 27.5626,
26.2293


 149.0920, 27.5626,
26.2293


255.0000, 0.0000,
0.0000

 122.5650, 26.8365,
25.8145


 202.9460, 25.6626,
28.9884


 97.3260, 25.9683,
24.2701


 225.0630, 14.7589,
26.2547

 71.9130, 25.6789,
23.7553

 242.0860, 6.3666,
11.3256

 47.2010, 25.5369,
22.6257

 22.9020, 25.6843,
22.0109

 14.8980, 18.2913,
13.2445

 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 149.0920, 27.5626,
26.2293

■ 149.0920, 27.5626,
26.2293

■ 135.2590, 34.3823,
32.2219

■ 163.5120, 20.4536,
19.7220

■ 121.1380, 41.3440,
39.3440

■ 177.0460, 13.7813,
13.1147

■ 107.3050, 48.1636,
45.3365

■ 191.4660, 6.6723,
6.6073

■ 93.1840, 55.1253,
52.4586

■ 205.0000, 0.0000,
0.0000

■ 78.7640, 62.2343,
58.9660

■ 219.4200, -7.1091,
-6.5073

65.2300, 68.9066,
65.5733

232.9540,
-13.7813, -13.1147

240.3300,
-17.4177, -13.4444

242.1240,
-18.3021, -9.7557

244.2170,
-19.3340, -5.4523

Harmonies

Analogous

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



142.9590, 42.4182, -25.3970



149.0920, 27.5626, 26.2293



147.4910, 9.1249, 60.0824

Triad

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



149.0920, 27.5626, 26.2293



141.8300, -42.3142, 38.7371



116.7080, 25.7800, -102.3529

Complementary

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



149.0920, 27.5626, 26.2293



178.9080, -27.5626, -26.2293

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.



110.8770, 5.9766, -97.2391



149.0920, 27.5626, 26.2293



137.7890, -40.3220, 6.3240

Square

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



149.0920, 27.5626, 26.2293



143.1870, -30.1652, 62.1030



131.6730, -24.4888, -32.1622



119.3930, 43.6833, -104.7077

Rectangle

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



149.0920, 27.5626, 26.2293



145.0010, -4.4375, 70.1591



131.6730, -24.4888, -32.1622



115.5850, 18.9386, -101.3680

Sweetspot

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



149.0920, 27.5626, 26.2293



233.8130, 10.4452, 9.8110



148.1970, 28.0039, -22.0978



115.6400, 6.0935, 5.5777



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.



149.0920, 27.5626, 26.2293



171.7250, 41.0546, 38.8292



155.2700, 17.6149, 43.6132



95.2330, 3.3361, 3.3037



52.7110, 55.8515, 52.8735



12.1060, 12.7657, 12.1850

Inverse Universe

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



150.4820, -0.7306, 47.8123



173.8100, -1.3853, 71.2036



172.7300, -17.6149, -43.6132



95.3320, -0.1637, 5.8478



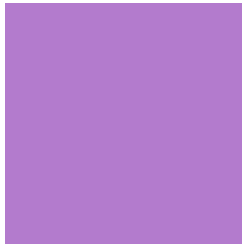
55.6760, -1.3193, 96.7541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 149.0920, 27.5626, 26.2293 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 149.0920, 27.5626, 26.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

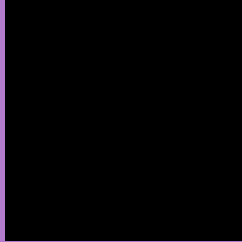
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0920, 27.5626, 26.2293

Background



This preview shows how black text looks on a background with the YUV color 149.0920, 27.5626, 26.2293.



This preview shows how white text looks on a background with the YUV color 149.0920, 27.5626, 26.2293.

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

149.0920, 27.5626, 26.2293

Protanopia

143.5310, 38.1922, -23.2677

Deuteranopia

144.5290, 27.8402, -16.2499



Tritanopia

147.3060, -0.6439, 19.9026

Trichromacy



Original Color

149.0920, 27.5626, 26.2293



Protanomaly

145.6150, 34.2068, -4.9244



Deuteranomaly

146.2150, 27.5020, -1.0656



Tritanomaly

147.6620, 9.5336, 22.2214

Monochromacy



Original Color

149.0920, 27.5626, 26.2293



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2860, 9.7190, 9.3962

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0920, 27.5626, 26.2293 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(179, 123, 205)` looks like.

```
.text, #text, p{  
    color:rgb(179, 123, 205)  
}
```

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(179, 123, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 123, 205) }
```

Border

The CSS property to change the border of an element to YUV 149.0920, 27.5626, 26.2293 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(179, 123, 205) }
```


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

```
.border{ border-color:rgb(179, 123, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 123, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 123, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 123, 205);  
box-shadow:4px 4px 4px 4px rgb(179, 123,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 149.0920, 27.5626, 26.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 123, 205) }
```

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

```
.background{ background-color: rgb(179,  
123, 205) }
```

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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