

Converting Colors

YUV(170.6020, 27.3112,
13.5040)

Have a look what the booklet for
YUV(170.6020, 27.3112, 13.5040)
contains.

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Color

**YUV(170.6020, 27.3112,
13.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	BA98E2
RGB	186, 152, 226
RGB Percent	73%, 60%, 89%
CMY	0.2706, 0.4039, 0.1137
CMYK	0.18, 0.33, 0.00, 0.11
HSL	268°, 56%, 74%
HSV	268°, 33%, 89%
XYZ	45.2054, 38.3866, 76.9783
YIQ	170.6020, -3.4900, 30.2220

Conversions

Conversions Part 2

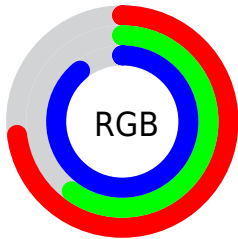
Format	Color
RYB	186, 152, 226
Decimal	12228834
CIELab	68.30, 26.91, -32.82
CIELCh	68, 42.438, 309.350
Yxy	38.3866, 0.2815, 0.2391
Android (android.graphics.Color)	4290418914 (0xFFBA98E2)
YUV	170.6020, 27.3112, 13.5040
Hunter-Lab	61.9569, 21.8138, -30.2950

Details

The YUV color **170.6020, 27.3112, 13.5040** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.3980, -27.3112, -13.5040**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2360, 15.6597, 17.3330**, and **118.1350, 25.5694, 12.1596** is the 20% darker color. If you saturate the color by 10%, you get **153.5130, 35.7361, 17.9671**, and if you desaturate by 10%, it is **187.6910, 18.8863, 9.0410**.

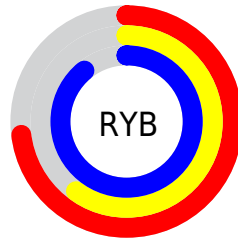
Distribution



Red (73%)

Green (60%)

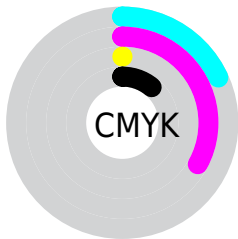
Blue (89%)



Red (73%)

Yellow (60%)

Blue (89%)

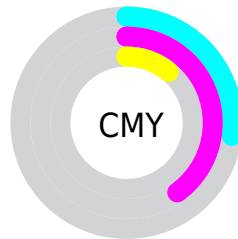


Cyan (18%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6020, 27.3112, 13.5040 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 170.6020, 27.3112, 13.5040 by changing the saturation by 10% instead.

■ 170.6020, 27.3112,
13.5040

■ 170.6020, 27.3112,
13.5040

255.0000, 0.0000,
0.0000

■ 144.0750, 26.5850,
13.0892

■ 223.2360, 15.6597,
17.3330

■ 118.1350, 25.5694,
12.1596

■ 243.2600, 5.7878,
10.2960

■ 92.7220, 25.2801,
11.6448

■ 68.4830, 24.4119,
10.1004

■ 45.5430, 23.3963,
9.1708

■ 22.4180, 22.9649,
7.5264

■ 7.9350, 18.7660,

0.9340

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 170.6020, 27.3112,
13.5040

■ 170.6020, 27.3112,
13.5040

■ 153.5130, 35.7361,
17.9671

■ 187.6910, 18.8863,
9.0410

■ 137.0110, 43.8716,
21.9154

■ 204.1930, 10.7509,
5.0927

■ 119.6230, 52.4439,
25.7636

■ 221.5810, 2.1786,
1.2445

■ 103.1210, 60.5793,
29.7119

■ 238.0830, -5.9569,
-2.7038

■ 86.0320, 69.0042,
34.1749

■ 249.3020,
-11.4879, -2.0189

■ 68.9430, 77.4291,
38.6380

■ 251.6940,
-12.6671, 2.8994

■ 56.8600, 83.3860,
41.3418

Harmonies

Analogous

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



163.3020, 38.7981, -30.9599



170.6020, 27.3112, 13.5040



171.2720, 11.2049, 46.2425

Triad

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



170.6020, 27.3112, 13.5040



165.5020, -34.7575, 41.6557



130.0610, 23.6339, -114.0635

Complementary

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



170.6020, 27.3112, 13.5040



207.3980, -27.3112, -13.5040

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.



150.3400, -6.0836, -55.5492



170.6020, 27.3112, 13.5040



162.2830, -36.1285, 14.6608

Square

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



170.6020, 27.3112, 13.5040



167.2990, -23.3184, 59.3738



157.5330, -25.4058, -18.0074



132.9910, 39.9374, -116.6331

Rectangle

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



170.6020, 27.3112, 13.5040



169.9610, -0.4738, 58.7932



157.5330, -25.4058, -18.0074



138.9410, 12.3541, -89.4023

Sweetspot

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



170.6020, 27.3112, 13.5040



236.1390, 9.2985, 4.2631



184.5030, 20.4580, -28.5051



115.9170, 5.9569, 2.7038



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.



170.6020, 27.3112, 13.5040



180.7410, 36.6097, 17.7671



181.3660, 22.0046, 35.6360



103.7490, 4.0677, 1.9741



44.2830, 64.9365, 32.2008



12.0500, 17.7233, 8.7261

Inverse Universe

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



178.6860, 6.5638, 41.4944



191.6430, 8.5570, 55.5641



196.6340, -22.0046, -35.6360



104.9730, 0.9993, 6.1627



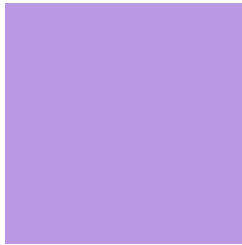
63.4540, 15.5522, 98.7028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 170.6020, 27.3112, 13.5040 looks on a white background.

Color Contrast Check

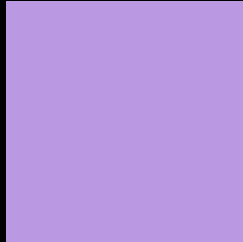
Large Text (above 18pt) WCAG AA × Fail

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 170.6020, 27.3112, 13.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

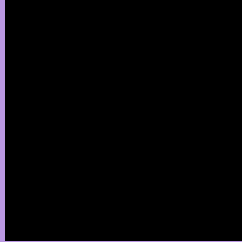
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.6020, 27.3112, 13.5040

Background



This preview shows how black text looks on a background with the YUV color 170.6020, 27.3112, 13.5040.



This preview shows how white text looks on a background with the YUV color 170.6020, 27.3112,

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

170.6020, 27.3112, 13.5040

Protanopia

166.2280, 34.3976, -19.4940

Deuteranopia

166.9530, 28.1242, -13.9908



Tritanopia

167.9670, 3.4673, 7.9219

Trichromacy



Original Color

170.6020, 27.3112, 13.5040

Protanomaly

167.9090, 31.5969, -7.8132

Deuteranomaly

168.6060, 27.8022, -4.0395

Tritanomaly

168.6820, 12.4818, 9.9259

Monochromacy



Original Color

170.6020, 27.3112, 13.5040

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6660, 10.0247, 4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6020, 27.3112, 13.5040 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(186, 152, 226)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 226)  
}
```

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(186, 152, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 226) }
```

Border

The CSS property to change the border of an element to YUV 170.6020, 27.3112, 13.5040 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(186, 152, 226) }
```


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

```
.border{ border-color:rgb(186, 152, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 226);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 170.6020, 27.3112, 13.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 226) }
```

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

```
.background{ background-color: rgb(186,  
152, 226) }
```

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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