

Converting Colors

YUV(162.5470, 30.7893,
17.9373)

Have a look what the booklet for
YUV(162.5470, 30.7893, 17.9373)
contains.

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Color

**YUV(162.5470, 30.7893,
17.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	B78CE1
RGB	183, 140, 225
RGB Percent	72%, 55%, 88%
CMY	0.2824, 0.4510, 0.1176
CMYK	0.19, 0.38, 0.00, 0.12
HSL	270°, 59%, 72%
HSV	270°, 38%, 88%
XYZ	42.4971, 34.2597, 75.6071
YIQ	162.5470, -1.6570, 35.5510

Conversions

Conversions Part 2

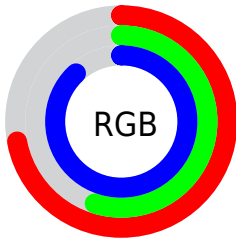
Format	Color
R _Y B	183, 140, 225
Decimal	12029153
CIE Lab	65.17, 32.47, -37.16
CIE LCh	65, 49.349, 311.148
Yxy	34.2597, 0.2789, 0.2249
Android (android.graphics.Color)	4290219233 (0xFFB78CE1)
YUV	162.5470, 30.7893, 17.9373
Hunter-Lab	58.5318, 27.1697, -35.6143

Details

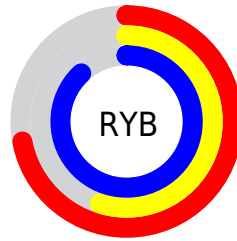
The YUV color **162.5470, 30.7893, 17.9373** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **202.4530, -30.7893, -17.9373**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7080, 19.8640, 22.1811**, and **109.7810, 29.1950, 15.9781** is the 20% darker color. If you saturate the color by 10%, you get **146.3440, 38.7774, 22.5003**, and if you desaturate by 10%, it is **179.3370, 22.5119, 12.8595**.

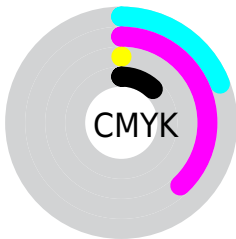
Distribution



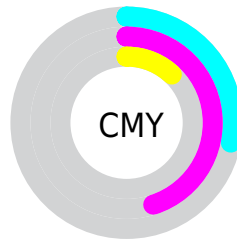
- Red (72%)
- Green (55%)
- Blue (88%)



- Red (72%)
- Yellow (55%)
- Blue (88%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5470, 30.7893, 17.9373 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 162.5470, 30.7893, 17.9373 by changing the saturation by 10% instead.

■ 162.5470, 30.7893,
17.9373

■ 162.5470, 30.7893,
17.9373

255.0000, 0.0000,
0.0000

■ 135.7210, 30.2105,
16.9077

■ 214.7080, 19.8640,
22.1811

■ 109.7810, 29.1950,
15.9781

■ 235.6290, 9.5499,
16.9884

■ 84.9550, 28.6162,
14.9485

■ 252.6520, 1.1576,
2.0592

■ 61.0150, 27.6006,
14.0188

■ 36.8900, 27.1692,
12.3745

■ 15.8250, 25.7223,
9.8005

■ 5.1300, 19.6559,

-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 162.5470, 30.7893,
17.9373

■ 162.5470, 30.7893,
17.9373

■ 146.3440, 38.7774,
22.5003

■ 179.3370, 22.5119,
12.8595

■ 129.5540, 47.0549,
27.5781

■ 195.5400, 14.5238,
8.2964

■ 113.3510, 55.0430,
32.1412

■ 212.3300, 6.2463,
3.2186

■ 96.5610, 63.3204,
37.2190

■ 228.5330, -1.7418,
-1.3444

■ 80.0590, 71.4559,
41.1673

■ 245.6220,
-10.1666, -5.8075

■ 63.2690, 79.7334,
46.2451

■ 250.0850,
-12.3669, -0.0745

■ 59.7360, 81.4752,
47.5895

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



153.8760, 44.9241, -35.8483



162.5470, 30.7893, 17.9373



162.0820, 12.7776, 55.1791

Triad

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



162.5470, 30.7893, 17.9373



155.9170, -40.8781, 44.7998



126.0830, 23.6231, -110.5748

Complementary

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



162.5470, 30.7893, 17.9373



202.4530, -30.7893, -17.9373

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.



134.3160, -3.1138, -74.8221



162.5470, 30.7893, 17.9373



152.4910, -41.6541, 13.6014

Square

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



162.5470, 30.7893, 17.9373



157.6050, -27.4133, 66.1214



146.9900, -28.5891, -23.6702



128.9960, 42.4000, -113.1295

Rectangle

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



162.5470, 30.7893, 17.9373



159.6140, -0.7957, 68.7445



146.9900, -28.5891, -23.6702



123.7860, 17.3605, -108.5603

Sweetspot

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



162.5470, 30.7893, 17.9373



234.3780, 10.1666, 5.8075



174.9310, 24.6840, -30.6345



115.3300, 6.2463, 3.2186



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.



162.5470, 30.7893, 17.9373



170.4520, 41.6822, 24.1596



175.1050, 24.5982, 43.7579



104.0480, 3.9203, 2.5889



46.6750, 63.7572, 37.1190



12.9470, 17.2811, 10.5705

Inverse Universe

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



170.2030, 5.8159, 48.0570



180.8830, 7.9457, 65.0006



189.8950, -24.5982, -43.7579



104.9730, 0.9993, 6.1627



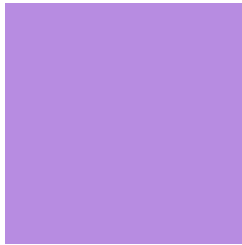
62.5420, 12.0578, 99.5027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 162.5470, 30.7893, 17.9373 looks on a white background.

Color Contrast Check

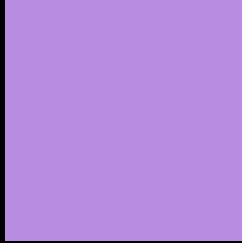
Large Text (above 18pt) WCAG AA × Fail

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 162.5470, 30.7893, 17.9373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

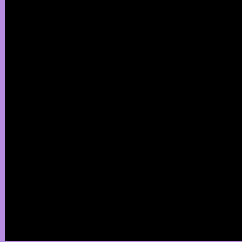
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.5470, 30.7893, 17.9373

Background



This preview shows how black text looks on a background with the YUV color 162.5470, 30.7893, 17.9373.



This preview shows how white text looks on a background with the YUV color 162.5470, 30.7893, 17.9373.

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

162.5470, 30.7893, 17.9373

Protanopia

157.5740, 39.6500, -24.1824

Deuteranopia

158.1310, 31.4874, -19.4089



Tritanopia

160.3480, 2.2934, 11.0958

Trichromacy



Original Color

162.5470, 30.7893, 17.9373

Protanomaly

159.1630, 36.4016, -8.9130

Deuteranomaly

159.8060, 31.1546, -5.9689

Tritanomaly

161.1170, 12.7603, 13.9294

Monochromacy



Original Color

162.5470, 30.7893, 17.9373

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5470, 30.7893, 17.9373 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(183, 140, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 140, 225)  
}
```

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(183, 140, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 140, 225) }
```

Border

The CSS property to change the border of an element to YUV 162.5470, 30.7893, 17.9373 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(183, 140, 225) }
```


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

```
.border{ border-color:rgb(183, 140, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 140, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 140, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 140, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 140,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 162.5470, 30.7893, 17.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 140, 225) }
```

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

```
.background{ background-color: rgb(183,  
140, 225) }
```

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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