

Converting Colors

YUV(170.0730, 12.7820, 6.9520)

Have a look what the booklet for
YUV(170.0730, 12.7820, 6.9520)
contains.

YUV(170.0730, 12.7820, 6.9520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.0730, 12.7820,
6.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A1C4
RGB	178, 161, 196
RGB Percent	70%, 63%, 77%
CMY	0.3020, 0.3686, 0.2314
CMYK	0.09, 0.18, 0.00, 0.23
HSL	269°, 23%, 70%
HSV	269°, 18%, 77%
XYZ	41.0688, 38.9402, 57.5762
YIQ	170.0730, -1.1030, 14.4890

Conversions

Conversions Part 2

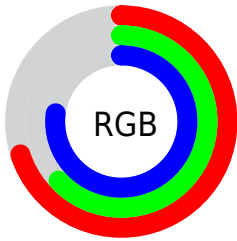
Format	Color
R_{YB}	178, 161, 196
Decimal	11706820
CIE _{Lab}	68.71, 12.88, -15.68
CIE _{LCh}	69, 20.294, 309.401
Yxy	38.9402, 0.2985, 0.2830
Android (android.graphics.Color)	4289896900 (0xFFB2A1C4)
YUV	170.0730, 12.7820, 6.9520
Hunter-Lab	62.4021, 8.2727, -11.0233

Details

The YUV color $170.0730, 12.7820, 6.9520$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $186.9270, -12.7820, -6.9520$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.6000, 13.5082, 7.3668$, and $117.5460, 12.0558, 6.5372$ is the 20% darker color. If you saturate the color by 10%, you get $155.3430, 20.0439, 11.1002$, and if you desaturate by 10%, it is $184.8030, 5.5201, 2.8038$.

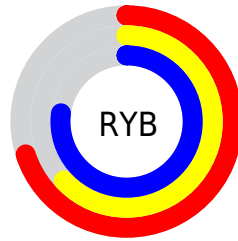
Distribution



Red (70%)

Green (63%)

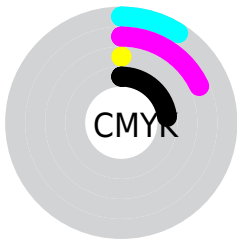
Blue (77%)



Red (70%)

Yellow (63%)

Blue (77%)

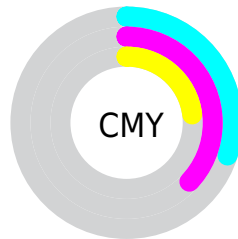


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (30%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0730, 12.7820, 6.9520 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 170.0730, 12.7820, 6.9520 by changing the saturation by 10% instead.

■ 170.0730, 12.7820,
6.9520

■ 170.0730, 12.7820,
6.9520

■ 255.0000, 0.0000,
0.0000

■ 143.6600, 12.4926,
6.4372

■ 225.6000, 13.5082,
7.3668

■ 117.5460, 12.0558,
6.5372

■ 248.5430, 3.1833,
5.6628

■ 93.1330, 11.7664,
6.0224

■ 69.6060, 11.0402,
5.6075

■ 47.0790, 10.3141,
5.1927

■ 25.6660, 10.0247,
4.6779

■ 4.1600, 10.7671,

-0.1403

■ 0.0000, 0.0000,
0.0000

■ 170.0730, 12.7820,
6.9520

■ 170.0730, 12.7820,
6.9520

■ 155.3430, 20.0439,
11.1002

■ 184.8030, 5.5201,
2.8038

■ 141.2000, 27.0164,
14.7336

■ 198.9460, -1.4524,
-0.8296

■ 126.4700, 34.2783,
18.8818

■ 213.6760, -8.7143,
-4.9779

■ 112.3270, 41.2508,
22.5152

■ 227.8190,
-15.6868, -8.6113

■ 97.5970, 48.5127,
26.6634

■ 240.2010,
-21.7911, -10.7003

■ 82.8670, 55.7746,
30.8116

■ 243.1910,
-23.2652, -4.5525

■ 68.4250, 62.8945,
33.8303

■ 246.4800,
-24.8866, 2.2100

■ 53.6950, 70.1564,
37.9785

■ 248.2740,
-25.7711, 5.8987

■ 50.7490, 71.6087,
38.8081

Harmonies

Analogous

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



167.3310, 18.0778, -11.6913



170.0730, 12.7820, 6.9520



170.8100, 5.0237, 22.0916

Triad

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



170.0730, 12.7820, 6.9520



168.0770, -16.8000, 21.8575



160.0880, 6.3656, -35.1572

Complementary

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



170.0730, 12.7820, 6.9520



186.9270, -12.7820, -6.9520

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.



161.8200, -3.8553, -23.5211



170.0730, 12.7820, 6.9520



166.1740, -17.3408, 8.6174

Square

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



170.0730, 12.7820, 6.9520



169.6850, -12.1697, 30.0943



164.3290, -12.4872, -8.1815



160.8410, 14.3754, -37.5716

Rectangle

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



170.0730, 12.7820, 6.9520



170.9480, -0.9604, 28.1096



164.3290, -12.4872, -8.1815



160.6000, 3.1552, -32.0982

Sweetspot

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



170.0730, 12.7820, 6.9520



245.2760, 4.7939, 2.3889



175.5560, 10.0789, -12.7656



122.1080, 2.9048, 1.6593



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.



170.0730, 12.7820, 6.9520



214.9300, 19.7545, 10.5854



175.1560, 10.2761, 17.4032



89.6350, 3.6309, 2.0741



41.6760, 58.8267, 31.8561



8.5460, 12.0558, 6.5372

Inverse Universe

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



173.5170, 2.7031, 19.7176



220.3380, 4.2704, 30.3986



181.8440, -10.2761, -17.4032



90.5600, 0.7099, 5.6479



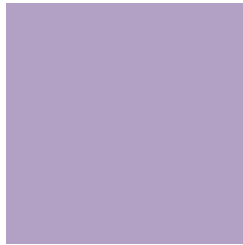
57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 170.0730, 12.7820, 6.9520 looks on a white background.

Color Contrast Check

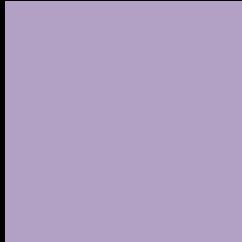
Large Text (above 18pt) WCAG AA × Fail

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 170.0730, 12.7820, 6.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

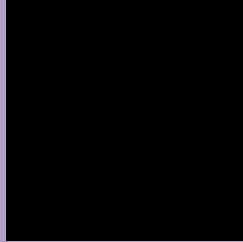
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0730, 12.7820, 6.9520

Background



This preview shows how black text looks on a background with the YUV color 170.0730, 12.7820, 6.9520.



This preview shows how white text looks on a background with the YUV color 170.0730, 12.7820,

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

170.0730, 12.7820, 6.9520

Protanopia

168.2670, 15.1514, -6.3732

Deuteranopia

169.6270, 12.5089, 1.2041



Tritanopia

168.7710, 4.0569, 5.4628

Trichromacy



Original Color

170.0730, 12.7820, 6.9520

Protanomaly

168.7730, 14.4089, -1.5549

Deuteranomaly

169.9370, 12.3561, 3.5633

Tritanomaly

169.2810, 7.2565, 5.8926

Monochromacy



Original Color

170.0730, 12.7820, 6.9520

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0730, 12.7820, 6.9520 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(178, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 196)  
}
```

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(178, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 196) }
```

Border

The CSS property to change the border of an element to YUV 170.0730, 12.7820, 6.9520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

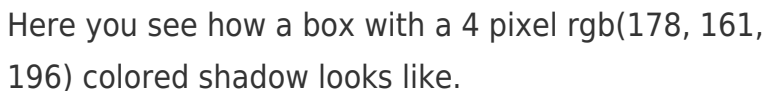
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 161, 196) }
```


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

```
.border{ border-color:rgb(178, 161, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 161, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 161, 196); box-shadow:4px 4px 4px 4px rgb(178, 161, 196) }
```

Background

The CSS property to change the background color of an element to YUV 170.0730, 12.7820, 6.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 196) }
```

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

```
.background{ background-color: rgb(178,  
161, 196) }
```

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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