

Converting Colors

YUV(170.4010, 25.4383, 7.5413)

Have a look what the booklet for
YUV(170.4010, 25.4383, 7.5413)
contains.

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Color

**YUV(170.4010, 25.4383,
7.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	B39CDE
RGB	179, 156, 222
RGB Percent	70%, 61%, 87%
CMY	0.2980, 0.3882, 0.1294
CMYK	0.19, 0.30, 0.00, 0.13
HSL	261°, 50%, 74%
HSV	261°, 30%, 87%
XYZ	43.6637, 38.6346, 74.2631
YIQ	170.4010, -7.4780, 25.4020

Conversions

Conversions Part 2

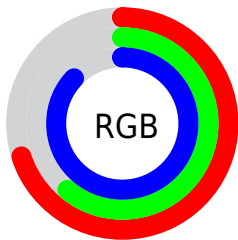
Format	Color
R _Y B	179, 156, 222
Decimal	11771102
CIE _{Lab}	68.49, 21.64, -30.38
CIE _{LCh}	68, 37.302, 305.458
Yxy	38.6346, 0.2789, 0.2468
Android (android.graphics.Color)	4289961182 (0xFFB39CDE)
YUV	170.4010, 25.4383, 7.5413
Hunter-Lab	62.1567, 16.6180, -27.3284

Details

The YUV color **170.4010, 25.4383, 7.5413** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **207.5990, -25.4383, -7.5413**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1920, 15.6813, 10.3556**, and **118.0480, 24.1333, 6.0969** is the 20% darker color. If you saturate the color by 10%, you get **153.3010, 33.8686, 10.2600**, and if you desaturate by 10%, it is **187.5010, 17.0080, 4.8226**.

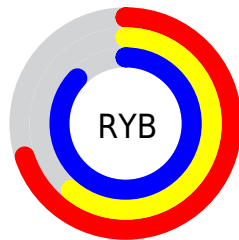
Distribution



Red (70%)

Green (61%)

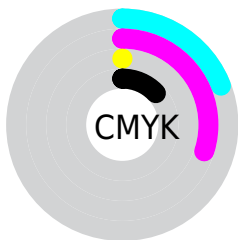
Blue (87%)



Red (70%)

Yellow (61%)

Blue (87%)

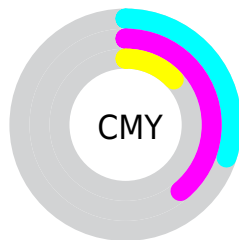


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (30%)

Magenta (39%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4010, 25.4383, 7.5413 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 170.4010, 25.4383, 7.5413 by changing the saturation by 10% instead.

170.4010, 25.4383,
7.5413

170.4010, 25.4383,
7.5413

255.0000, 0.0000,
0.0000

143.8740, 24.7121,
7.1265

223.1920, 15.6813,
10.3556

118.0480, 24.1333,
6.0969

245.6080, 4.6303,
8.2368

92.5210, 23.4071,
5.6821

68.5810, 22.3916,
4.7525

45.6410, 21.3760,
3.8228

24.1030, 20.6552,
1.6637

5.2010, 18.6349,

-3.6843

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 170.4010, 25.4383,
7.5413

■ 170.4010, 25.4383,
7.5413

■ 153.3010, 33.8686,
10.2600

■ 187.5010, 17.0080,
4.8226

■ 135.9020, 42.4463,
12.3639

■ 204.9000, 8.4303,
2.7187

■ 118.2150, 51.1660,
15.5974

■ 222.5870, -0.2894,
-0.5148

■ 100.8160, 59.7437,
17.7014

■ 239.9860, -8.8671,
-2.6187

■ 83.7160, 68.1740,
20.4201

■ 250.0420,
-13.8247, 0.8402

■ 66.3170, 76.7517,
22.5240

■ 251.2380,
-14.4143, 3.2993

■ 49.2170, 85.1820,
25.2427

■ 48.3310, 85.6188,
25.1427

Harmonies

Analogous

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



163.5640, 34.7249, -31.1896



170.4010, 25.4383, 7.5413



171.7440, 11.9582, 37.9355

Triad

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



170.4010, 25.4383, 7.5413



166.4570, -29.8053, 39.9412



145.5450, 13.0423, -76.7770

Complementary

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



170.4010, 25.4383, 7.5413



207.5990, -25.4383, -7.5413

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.



154.8470, -8.3056, -42.8388



170.4010, 25.4383, 7.5413



164.0320, -32.0608, 16.6349

Square

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



170.4010, 25.4383, 7.5413



168.7050, -19.0816, 53.7557



160.5060, -24.4065, -11.8448



135.8630, 34.0845, -105.9969

Rectangle

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



170.4010, 25.4383, 7.5413



170.7750, 1.5899, 50.1863



160.5060, -24.4065, -11.8448



149.3740, 5.7316, -65.2260

Sweetspot

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



170.4010, 25.4383, 7.5413



237.0140, 8.8671, 2.6187



189.3520, 16.0955, -29.2497



116.2050, 5.8149, 1.5742



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.



170.4010, 25.4383, 7.5413



183.0560, 35.4684, 10.4749



179.9690, 20.7213, 27.2142



103.4500, 4.2151, 1.3593



38.3030, 67.8846, 19.9053



10.5550, 18.4604, 5.6523

Inverse Universe

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



180.6360, 9.0535, 36.2762



197.3480, 12.6464, 50.5608



198.0310, -20.7213, -27.2142



105.0870, 1.4361, 6.0627



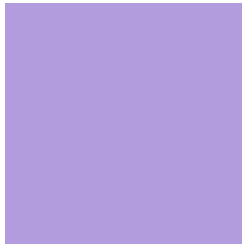
65.7340, 24.2881, 96.7033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 170.4010, 25.4383, 7.5413 looks on a white background.

Color Contrast Check

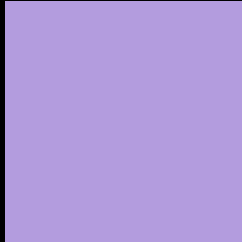
Large Text (above 18pt) WCAG AA × Fail

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 170.4010, 25.4383, 7.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

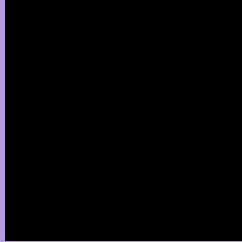
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.4010, 25.4383, 7.5413

Background



This preview shows how black text looks on a background with the YUV color 170.4010, 25.4383, 7.5413.



This preview shows how white text looks on a background with the YUV color 170.4010, 25.4383, 7.5413.

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

170.4010, 25.4383, 7.5413

Protanopia

167.2130, 30.4610, -16.8498

Deuteranopia

167.3940, 25.9348, -11.7465



Tritanopia

168.2760, 4.7939, 2.3889

Trichromacy



Original Color

170.4010, 25.4383, 7.5413

Protanomaly

168.3990, 28.3973, -8.2429

Deuteranomaly

168.4380, 25.9131, -4.7691

Tritanomaly

169.2360, 12.2087, 4.1780

Monochromacy



Original Color

170.4010, 25.4383, 7.5413

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4010, 25.4383, 7.5413 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, 156, 222)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 222)  
}
```

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, 156, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 222) }
```

Border

The CSS property to change the border of an element to YUV 170.4010, 25.4383, 7.5413 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, 156, 222) }
```


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

```
.border{ border-color:rgb(179, 156, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 156, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 222);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 170.4010, 25.4383, 7.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 222) }
```

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

```
.background{ background-color: rgb(179,  
156, 222) }
```

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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