

Converting Colors

YUV(168.7770, 25.2529,
20.3666)

Have a look what the booklet for
YUV(168.7770, 25.2529, 20.3666)
contains.

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Color

**YUV(168.7770, 25.2529,
20.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	C093DC
RGB	192, 147, 220
RGB Percent	75%, 58%, 86%
CMY	0.2471, 0.4235, 0.1373
CMYK	0.13, 0.33, 0.00, 0.14
HSL	277°, 51%, 72%
HSV	277°, 33%, 86%
XYZ	45.0902, 37.2412, 72.5219
YIQ	168.7770, 3.3870, 32.2430

Conversions

Conversions Part 2

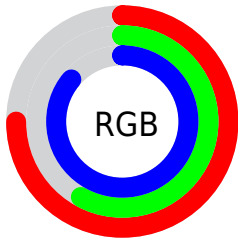
Format	Color
R_{YB}	192, 147, 220
Decimal	12620764
CIE _{Lab}	67.46, 30.23, -30.77
CIE _{LCh}	67, 43.133, 314.490
Yxy	37.2412, 0.2912, 0.2405
Android (android.graphics.Color)	4290810844 (0xFFC093DC)
YUV	168.7770, 25.2529, 20.3666
Hunter-Lab	61.0256, 25.0943, -27.7415

Details

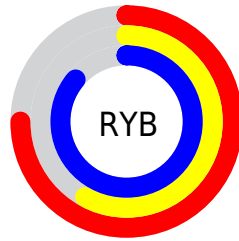
The YUV color **168.7770, 25.2529, 20.3666** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.2230, -25.2529, -20.3666**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5080, 16.5116, 24.1105**, and **116.1250, 24.0954, 18.3074** is the 20% darker color. If you saturate the color by 10%, you get **153.4710, 32.7988, 26.7739**, and if you desaturate by 10%, it is **184.0830, 17.7071, 13.9592**.

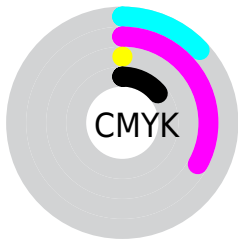
Distribution



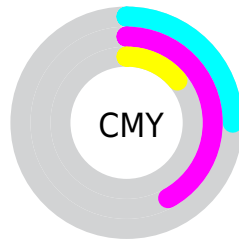
- Red (75%)
- Green (58%)
- Blue (86%)



- Red (75%)
- Yellow (58%)
- Blue (86%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)
- Black (14%)





- Cyan (25%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.7770, 25.2529, 20.3666 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 168.7770, 25.2529, 20.3666 by changing the saturation by 10% instead.


 168.7770, 25.2529,
20.3666

 168.7770, 25.2529,
20.3666


255.0000, 0.0000,
0.0000


 141.9510, 24.6742,
19.3370


 221.5080, 16.5116,
24.1105


 116.1250, 24.0954,
18.3074

 240.3250, 7.2348,
12.8700

 90.5980, 23.3692,
17.8926

 66.6580, 22.3536,
16.9629

 42.9460, 22.2116,
15.8334

 20.1200, 21.6328,
14.8038

 8.9740, 16.2818,

4.4078

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 168.7770, 25.2529,
20.3666

■ 168.7770, 25.2529,
20.3666

■ 153.4710, 32.7988,
26.7739

■ 184.0830, 17.7071,
13.9592

■ 137.8660, 40.4921,
32.5665

■ 199.6880, 10.0138,
8.1666

■ 122.5600, 48.0379,
38.9739

■ 214.9940, 2.4680,
1.7593

■ 106.9550, 55.7312,
44.7665

■ 230.5990, -5.2253,
-4.0333

91.6490, 63.2770,
51.1738

244.7310,
-12.1924, -9.4111

76.0440, 70.9703,
56.9664

247.4220,
-13.5190, -3.8781

65.7440, 76.0482,
61.6145

249.8140,
-14.6983, 1.0401

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



163.0040, 37.4660, -23.6825



168.7770, 25.2529, 20.3666



168.3220, 8.7153, 51.4606

Triad

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



168.7770, 25.2529, 20.3666



162.7250, -36.3464, 37.9522



129.3430, 25.9599, -113.4338

Complementary

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



168.7770, 25.2529, 20.3666



198.2230, -25.2529, -20.3666

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.



144.8380, -1.3991, -64.7559



168.7770, 25.2529, 20.3666



159.3640, -35.6755, 9.3278

Square

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



168.7770, 25.2529, 20.3666



164.3050, -25.7864, 57.6145



154.6570, -23.4949, -24.2552



131.6860, 42.5528, -115.4886

Rectangle

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



168.7770, 25.2529, 20.3666



167.1740, -3.5368, 61.2374



154.6570, -23.4949, -24.2552



127.8610, 20.2815, -112.1341

Sweetspot

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



168.7770, 25.2529, 20.3666



237.3350, 8.7088, 6.7222



172.3450, 23.4939, -22.2276



116.8140, 5.5147, 4.5481



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.



168.7770, 25.2529, 20.3666



183.4650, 35.2668, 28.5332



176.3510, 18.0680, 38.2802



102.0480, 3.9203, 2.5889



51.7150, 59.7935, 48.4849



13.6160, 15.9653, 12.6148

Inverse Universe

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



172.0190, 1.4696, 42.0793



187.9440, 1.9996, 58.8081



190.6490, -18.0680, -38.2802



102.7450, 0.1257, 6.3626



59.3650, 3.7641, 99.6579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 168.7770, 25.2529, 20.3666 looks on a white background.

Color Contrast Check

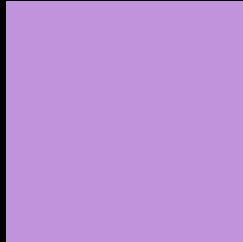
Large Text (above 18pt) WCAG AA × Fail

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 168.7770, 25.2529, 20.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

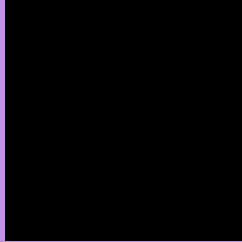
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.7770, 25.2529, 20.3666

Background



This preview shows how black text looks on a background with the YUV color 168.7770, 25.2529, 20.3666.



This preview shows how white text looks on a background with the YUV color 168.7770, 25.2529,

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

168.7770, 25.2529, 20.3666

Protanopia

164.2990, 33.3766, -18.6792

Deuteranopia

165.2800, 25.4980, -11.6466



Tritanopia

166.4410, 1.2616, 15.3992

Trichromacy



Original Color

168.7770, 25.2529, 20.3666

Protanomaly

166.2900, 30.4230, -4.6393

Deuteranomaly

166.9440, 25.1706, 0.0491

Tritanomaly

167.1560, 10.2761, 17.4032

Monochromacy



Original Color

168.7770, 25.2529, 20.3666

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8620, 9.4350, 7.1370

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7770, 25.2529, 20.3666 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(192, 147, 220)` looks like.

```
.text, #text, p{  
    color:rgb(192, 147, 220)  
}
```

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(192, 147, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 220) }
```

Border

The CSS property to change the border of an element to YUV 168.7770, 25.2529, 20.3666 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(192, 147, 220) }
```


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

```
.border{ border-color:rgb(192, 147, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 147, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 147, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 147, 220);  
box-shadow:4px 4px 4px 4px rgb(192, 147,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 168.7770, 25.2529, 20.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 220) }
```

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

```
.background{ background-color: rgb(192,  
147, 220) }
```

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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