

Converting Colors

YUV(187.8920, 20.7592,
15.0037)

Have a look what the booklet for
YUV(187.8920, 20.7592, 15.0037)
contains.

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Color

**YUV(187.8920, 20.7592,
15.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	CDABE6
RGB	205, 171, 230
RGB Percent	80%, 67%, 90%
CMY	0.1961, 0.3294, 0.0980
CMYK	0.11, 0.26, 0.00, 0.10
HSL	275°, 54%, 79%
HSV	275°, 26%, 90%
XYZ	54.0227, 47.8181, 81.2454
YIQ	187.8920, 1.3250, 25.5570

Conversions

Conversions Part 2

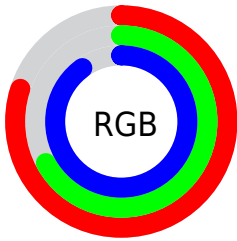
Format	Color
R _Y B	205, 171, 230
Decimal	13478886
CIE Lab	74.71, 23.18, -25.01
CIE LCh	75, 34.098, 312.833
Yxy	47.8181, 0.2951, 0.2612
Android (android.graphics.Color)	4291668966 (0xFFCDABE6)
YUV	187.8920, 20.7592, 15.0037
Hunter-Lab	69.1507, 18.4362, -21.2546

Details

The YUV color $187.8920, 20.7592, 15.0037$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $213.1080, -20.7592, -15.0037$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.5640, 8.1029, 14.4144$, and $134.5390, 19.4543, 13.5593$ is the 20% darker color. If you saturate the color by 10%, you get $171.4010, 28.8893, 20.6963$, and if you desaturate by 10%, it is $204.3830, 12.6292, 9.3111$.

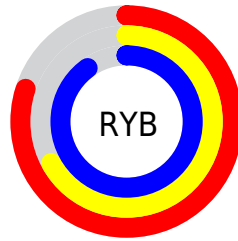
Distribution



Red (80%)

Green (67%)

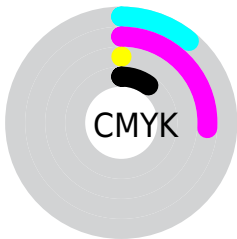
Blue (90%)



Red (80%)

Yellow (67%)

Blue (90%)

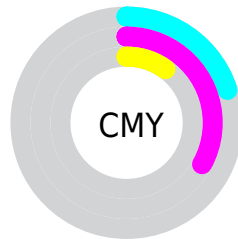


Cyan (11%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (20%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.8920, 20.7592, 15.0037 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 187.8920, 20.7592, 15.0037 by changing the saturation by 10% instead.

■ 187.8920, 20.7592,
15.0037

■ 187.8920, 20.7592,
15.0037

255.0000, 0.0000,
0.0000

■ 160.4790, 20.4699,
14.4889

■ 238.5640, 8.1029,
14.4144

■ 134.5390, 19.4543,
13.5593

■ 109.1260, 19.1649,
13.0445

■ 84.3000, 18.5861,
12.0149

■ 60.7730, 17.8599,
11.6001

■ 37.9470, 17.2811,
10.5705

■ 15.2460, 17.1337,

11.1853

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 187.8920, 20.7592,
15.0037

■ 187.8920, 20.7592,
15.0037

■ 171.4010, 28.8893,
20.6963

■ 204.3830, 12.6292,
9.3111

■ 155.2090, 36.8720,
27.0037

■ 220.5750, 4.6465,
3.0037

■ 138.7180, 45.0020,
32.6963

■ 237.0660, -3.4835,
-2.6889

■ 122.2270, 53.1321,
38.3889

■ 248.8610, -9.2985,
-4.2631

■ 105.7360, 61.2622,
44.0815

■ 251.8510,
-10.7725, 1.8847

■ 89.5440, 69.2448,
50.3889

■ 252.1500,
-10.9200, 2.4994

■ 73.0530, 77.3749,
56.0815

■ 65.9870, 80.8584,
58.7704

Harmonies

Analogous

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



183.2020, 30.4664, -18.5942



187.8920, 20.7592, 15.0037



188.2020, 7.2954, 40.1648

Triad

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



187.8920, 20.7592, 15.0037



183.5270, -29.3468, 32.8638



166.1590, 15.2046, -70.2994

Complementary

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



187.8920, 20.7592, 15.0037



213.1080, -20.7592, -15.0037

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.



171.9760, -3.9322, -45.5830



187.8920, 20.7592, 15.0037



180.4980, -28.8395, 10.0873

Square

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



187.8920, 20.7592, 15.0037



185.8030, -21.1019, 48.4078



177.0260, -19.7328, -17.5628



166.3830, 28.8982, -75.7579

Rectangle

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



187.8920, 20.7592, 15.0037



187.6240, -2.7726, 49.4418



177.0260, -19.7328, -17.5628



167.8950, 8.9258, -63.0519

Sweetspot

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



187.8920, 20.7592, 15.0037



240.5690, 7.1145, 4.7630



192.9880, 18.2469, -19.2835



118.5750, 4.6465, 3.0037



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.



187.8920, 20.7592, 15.0037



198.7600, 27.7263, 20.3815



194.9110, 15.3269, 30.7731



106.4610, 4.2097, 3.1037



51.2030, 63.0039, 45.4260



14.4850, 18.0019, 12.7297

Inverse Universe

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



191.4910, 2.2229, 33.7724



203.3830, 2.7692, 45.2681



206.0890, -15.3269, -30.7731



107.1580, 0.4151, 6.8774



62.1850, 6.8108, 102.4468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 187.8920, 20.7592, 15.0037 looks on a white background.

Color Contrast Check

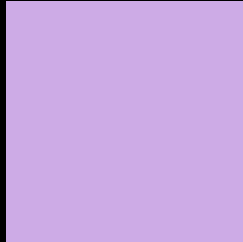
Large Text (above 18pt) WCAG AA × Fail

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 187.8920, 20.7592, 15.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

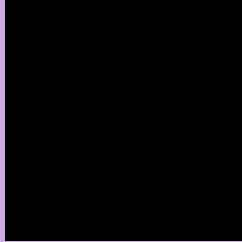
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.8920, 20.7592, 15.0037

Background



This preview shows how black text looks on a background with the YUV color 187.8920, 20.7592, 15.0037.



This preview shows how white text looks on a background with the YUV color 187.8920, 20.7592,

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

187.8920, 20.7592, 15.0037

Protanopia

184.4970, 26.3770, -13.5909

Deuteranopia

185.1730, 21.1137, -5.4137



Tritanopia

185.8750, 3.0196, 11.5106

Trichromacy



Original Color

187.8920, 20.7592, 15.0037

Protanomaly

185.6940, 24.3079, -3.2396

Deuteranomaly

186.2170, 21.0920, 1.5637

Tritanomaly

186.3080, 9.7082, 12.8849

Monochromacy



Original Color

187.8920, 20.7592, 15.0037

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.8920, 20.7592, 15.0037 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(205, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 230)  
}
```

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(205, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 230) }
```

Border

The CSS property to change the border of an element to YUV 187.8920, 20.7592, 15.0037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

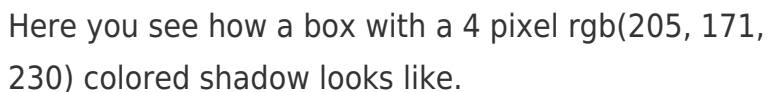
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 171, 230) }
```


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

```
.border{ border-color:rgb(205, 171, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 187.8920, 20.7592, 15.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 230) }
```

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

```
.background{ background-color: rgb(205,  
171, 230) }
```

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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