

Converting Colors

YUV(133.8920, 20.7592,
15.0037)

Have a look what the booklet for
YUV(133.8920, 20.7592, 15.0037)
contains.

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Color

**YUV(133.8920, 20.7592,
15.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	9775B0
RGB	151, 117, 176
RGB Percent	59%, 46%, 69%
CMY	0.4078, 0.5412, 0.3098
CMYK	0.14, 0.34, 0.00, 0.31
HSL	275°, 27%, 57%
HSV	275°, 34%, 69%
XYZ	26.9603, 22.4365, 43.9840
YIQ	133.8920, 1.3250, 25.5570

Conversions

Conversions Part 2

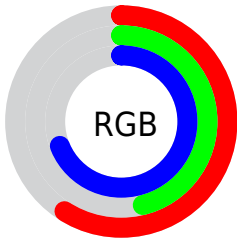
Format	Color
RYB	151, 117, 176
Decimal	9926064
CIELab	54.49, 24.70, -26.32
CIELCh	54, 36.091, 313.184
Yxy	22.4365, 0.2887, 0.2403
Android (android.graphics.Color)	4288116144 (0xFF9775B0)
YUV	133.8920, 20.7592, 15.0037
Hunter-Lab	47.3672, 18.7054, -21.8983

Details

The YUV color **133.8920, 20.7592, 15.0037** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159.1080, -20.7592, -15.0037**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2450, 22.0642, 16.4481**, and **83.5390, 19.4543, 13.5593** is the 20% darker color. If you saturate the color by 10%, you get **121.2330, 27.0001, 19.9667**, and if you desaturate by 10%, it is **146.5510, 14.5184, 10.0408**.

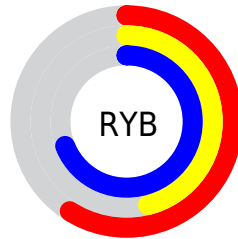
Distribution



Red (59%)

Green (46%)

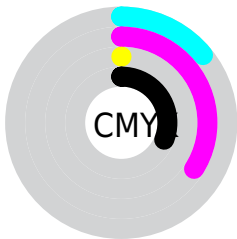
Blue (69%)



Red (59%)

Yellow (46%)

Blue (69%)

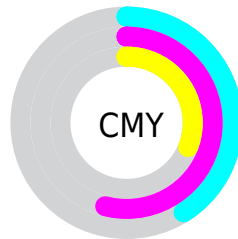


Cyan (14%)

Magenta (34%)

Yellow (0%)

Black (31%)



Cyan (41%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8920, 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 133.8920, 20.7592, 15.0037 by changing the saturation by 10% instead.

133.8920, 20.7592,
15.0037

133.8920, 20.7592,
15.0037

255.0000, 0.0000,
0.0000

108.3650, 20.0331,
14.5889

187.2450, 22.0642,
16.4481

83.5390, 19.4543,
13.5593

214.6750, 19.8802,
16.9480

59.7130, 18.8755,
12.5297

237.3900, 8.6817,
15.4440

37.1860, 18.1493,
12.1149

254.4130, 0.2894,
0.5148

14.4850, 18.0019,
12.7297

3.8930, 12.3778,
-3.4142

0.0000, 0.0000,

0.0000

■ 133.8920, 20.7592,
15.0037

■ 133.8920, 20.7592,
15.0037

■ 121.2330, 27.0001,
19.9667

■ 146.5510, 14.5184,
10.0408

■ 108.8620, 33.0990,
23.8000

■ 158.9220, 8.4195,
6.2074

■ 96.2030, 39.3399,
28.7630

■ 171.5810, 2.1786,
1.2445

■ 83.8320, 45.4388,
32.5963

■ 183.9520, -3.9203,
-2.5889

■ 71.1730, 51.6797,
37.5593

■ 196.6110,
-10.1612, -7.5518

■ 58.2150, 58.0680,
41.9074

■ 209.5690,
-16.5495, -11.9000

■ 50.2630, 61.9883,
44.4963

■ 221.6410,
-22.5010, -16.3482

■ 232.8380,
-28.0211, -19.1519

■ 234.9310,
-29.0530, -14.8485

Harmonies

Analogous

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



129.1910, 30.4718, -20.3385



133.8920, 20.7592, 15.0037



133.6150, 7.5848, 40.6796

Triad

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



133.8920, 20.7592, 15.0037



128.9290, -29.0520, 31.6343



102.5910, 19.9216, -89.9723

Complementary

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



133.8920, 20.7592, 15.0037



159.1080, -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.



115.4100, -2.1741, -49.4716



133.8920, 20.7592, 15.0037



126.4870, -28.8341, 8.3429

Square

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



133.8920, 20.7592, 15.0037



130.9060, -20.6597, 46.5634



122.8410, -19.1486, -18.2776



104.7230, 33.1676, -91.8421

Rectangle

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



133.8920, 20.7592, 15.0037



132.7380, -2.3358, 49.3418



122.8410, -19.1486, -18.2776



101.7500, 15.4062, -88.3578

Sweetspot

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



133.8920, 20.7592, 15.0037



213.5090, 8.1301, 5.6926



138.9880, 18.2469, -19.2835



104.9880, 4.9359, 3.5185



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.8920, 20.7592, 15.0037



164.3350, 32.3728, 23.3852



140.9110, 15.3269, 30.7731



82.5210, 3.1941, 2.1741



43.7540, 53.8583, 38.8037



7.4490, 9.1456, 6.6222

Inverse Universe

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



137.4910, 2.2229, 33.7724



169.9540, 3.4737, 52.6603



152.0890, -15.3269, -30.7731



83.1470, 0.4205, 5.1331



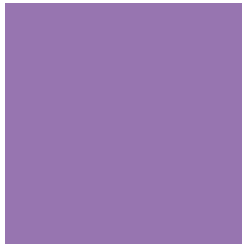
53.1570, 5.8386, 87.5623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 133.8920, 20.7592, 15.0037 looks on a white background.

Color Contrast Check

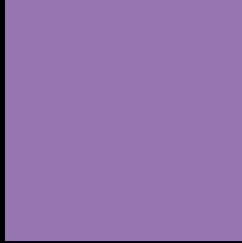
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8920, 20.7592, 15.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

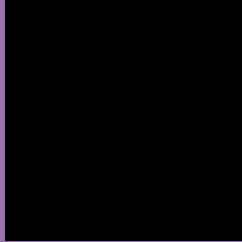
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8920, 20.7592, 15.0037

Background



This preview shows how black text looks on a background with the YUV color 133.8920, 20.7592, 15.0037.



This preview shows how white text looks on a background with the YUV color 133.8920, 20.7592, 15.0037.

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

133.8920, 20.7592, 15.0037

Protanopia

130.6000, 26.8192, -15.4352

Deuteranopia

131.1400, 21.1300, -10.6468



Tritanopia

131.8210, 1.5672, 10.6810

Trichromacy



Original Color

133.8920, 20.7592, 15.0037

Protanomaly

132.0960, 24.6027, -4.4692

Deuteranomaly

132.4940, 20.9555, -1.3102

Tritanomaly

132.6670, 8.5452, 12.5700

Monochromacy



Original Color

133.8920, 20.7592, 15.0037

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8920, 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(151, 117, 176)` looks like.

```
.text, #text, p{  
    color:rgb(151, 117, 176)  
}
```

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(151, 117, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 117, 176) }
```

Border

The CSS property to change the border of an element to YUV 133.8920, 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(151, 117, 176) }
```


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

```
.border{ border-color:rgb(151, 117, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 117, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 117, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 117, 176);  
box-shadow:4px 4px 4px 4px rgb(151, 117,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 133.8920, 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(151, 117, 176) }
```

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

```
.background{ background-color: rgb(151,  
117, 176) }
```

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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