

Converting Colors

YUV(133.5070, 1.2290, 25.8654)

Have a look what the booklet for
YUV(133.5070, 1.2290, 25.8654)
contains.

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Color

**YUV(133.5070, 1.2290,
25.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	A37688
RGB	163, 118, 136
RGB Percent	64%, 46%, 53%
CMY	0.3608, 0.5373, 0.4667
CMYK	0.00, 0.28, 0.17, 0.36
HSL	336°, 20%, 55%
HSV	336°, 28%, 64%
XYZ	26.0266, 22.5210, 26.2678
YIQ	133.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

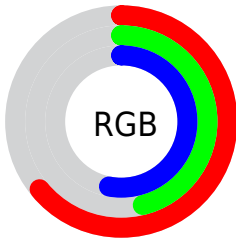
Format	Color
RYB	163, 118, 136
Decimal	10712712
CIELab	54.58, 20.48, -2.82
CIELCh	55, 20.675, 352.153
Yxy	22.5210, 0.3479, 0.3010
Android (android.graphics.Color)	4288902792 (0xFFA37688)
YUV	133.5070, 1.2290, 25.8654
Hunter-Lab	47.4563, 14.8470, 0.4014

Details

The YUV color **133.5070, 1.2290, 25.8654** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.4930, -1.2290, -25.8654**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8170, 1.0762, 28.2245**, and **83.1970, 1.3819, 23.5062** is the 20% darker color. If you saturate the color by 10%, you get **122.9750, 1.4913, 35.1019**, and if you desaturate by 10%, it is **144.0390, 0.9668, 16.6288**.

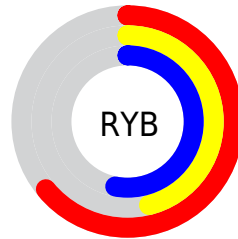
Distribution



Red (64%)

Green (46%)

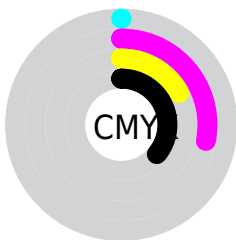
Blue (53%)



Red (64%)

Yellow (46%)

Blue (53%)

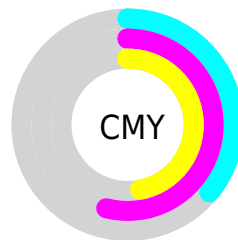


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (36%)



Cyan (36%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.5070, 1.2290, 25.8654 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 133.5070, 1.2290, 25.8654 by changing the saturation by 10% instead.


 133.5070, 1.2290,
25.8654


 133.5070, 1.2290,
25.8654

255.0000, 0.0000,
0.0000

 107.9090, 1.5239,
24.6358


 186.8170, 1.0762,
28.2245


 83.1970, 1.3819,
23.5062


 214.8170, 1.0762,
28.2245

 59.5990, 1.6767,
22.2767

 236.8370, 4.0244,
15.9290

 37.0010, 1.9715,
21.0471

 14.6420, 3.1345,
21.3620

 0.0000, 0.0000,
0.0000

133.5070, 1.2290,
25.8654

133.5070, 1.2290,
25.8654

122.9750, 1.4913,
35.1019

144.0390, 0.9668,
16.6288

111.8560, 2.0430,
44.8533

155.1580, 0.4151,
6.8774

101.4380, 2.7421,
53.9899

165.5760, -0.2840,
-2.2592

90.9060, 3.0043,
63.2264

176.1080, -0.5462,
-11.4957

80.3740, 3.2666,
72.4630

187.2270, -1.0979,
-21.2471

69.2550, 3.8183,
82.2144

197.7590, -1.3602,
-30.4836

58.8370, 4.5174,
91.3510


208.1770, -2.0593,
-39.6202

56.1470, 4.3645,

218.7090, -2.3215,

93.7101

-48.8568

 223.9580, 0.0207,
-53.4602

Harmonies

Analogous

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



133.6070, 9.5607, 13.4997



133.5070, 1.2290, 25.8654



132.6510, -7.2229, 30.1241

Triad

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



133.5070, 1.2290, 25.8654



128.5860, -15.5719, 1.2401



123.8350, 16.8433, -35.8123

Complementary

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



133.5070, 1.2290, 25.8654



147.4930, -1.2290, -25.8654

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.



122.1030, 10.3022, -37.8013



133.5070, 1.2290, 25.8654



125.9090, -8.8291, -14.8292

Square

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



133.5070, 1.2290, 25.8654



130.2180, -17.3625, 15.5948



123.3400, 0.8184, -29.2392



128.0800, 18.6946, -22.8722

Rectangle

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



133.5070, 1.2290, 25.8654



131.6740, -12.1643, 28.3499



123.3400, 0.8184, -29.2392



122.7700, 15.3964, -38.3863

Sweetspot

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



133.5070, 1.2290, 25.8654



200.7670, 0.1149, 9.8513



131.2030, 15.6759, 12.1000



99.8590, 0.5625, 6.2627



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



133.5070, 1.2290, 25.8654



166.1220, 1.9119, 40.2350



134.3900, -8.0803, 25.0910



76.1470, 0.4205, 5.1331



49.9670, 3.9603, 83.3439



6.1800, 0.4043, 10.3661

Inverse Universe

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



133.5070, 1.2290, 25.8654



166.1220, 1.9119, 40.2350



146.6100, 8.0803, -25.0910



76.1470, 0.4205, 5.1331



49.9670, 3.9603, 83.3439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 133.5070, 1.2290, 25.8654 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 133.5070, 1.2290, 25.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

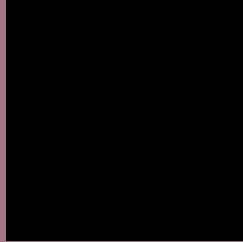
Any Text WCAG AA ✓ Pass

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 133.5070, 1.2290, 25.8654 Background



This preview shows how black text looks on a background with the YUV color 133.5070, 1.2290, 25.8654.



This preview shows how white text looks on a background with the YUV color 133.5070, 1.2290,

25.8654.

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

133.5070, 1.2290, 25.8654

Protanopia

131.4820, 5.6784, -1.2997

Deuteranopia

132.2830, 0.8465, 8.5218



Tritanopia

132.8830, -2.4073, 25.5356

Trichromacy



Original Color

133.5070, 1.2290, 25.8654

Protanomaly

132.3800, 3.7567, 8.4367

Deuteranomaly

133.0280, 0.9722, 14.8844

Tritanomaly

133.2250, -1.0969, 25.2357

Monochromacy



Original Color

133.5070, 1.2290, 25.8654

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8810, 0.5517, 9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5070, 1.2290, 25.8654 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(163, 118, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 118, 136)  
}
```

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(163, 118, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 118, 136) }
```

Border

The CSS property to change the border of an element to YUV 133.5070, 1.2290, 25.8654 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(163, 118, 136) }
```


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

```
.border{ border-color:rgb(163, 118, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 118, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 118, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 118, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 118,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 133.5070, 1.2290, 25.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 118, 136) }
```

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

```
.background{ background-color: rgb(163,  
118, 136) }
```

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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