

Converting Colors

YUV(170.1650, 13.2297, 3.3633)

Have a look what the booklet for
YUV(170.1650, 13.2297, 3.3633)
contains.

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Color

**YUV(170.1650, 13.2297,
3.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA3C5
RGB	174, 163, 197
RGB Percent	68%, 64%, 77%
CMY	0.3176, 0.3608, 0.2275
CMYK	0.12, 0.17, 0.00, 0.23
HSL	259°, 23%, 71%
HSV	259°, 17%, 77%
XYZ	40.6308, 39.2243, 58.2529
YIQ	170.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

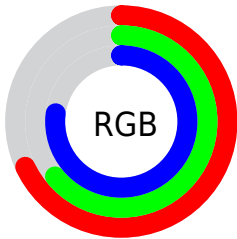
Format	Color
RYB	174, 163, 197
Decimal	11445189
CIELab	68.91, 10.65, -15.96
CIElCh	69, 19.185, 303.711
Yxy	39.2243, 0.2942, 0.2840
Android (android.graphics.Color)	4289635269 (0xFFFAEA3C5)
YUV	170.1650, 13.2297, 3.3633
Hunter-Lab	62.6293, 6.2008, -11.3064

Details

The YUV color $170.1650, 13.2297, 3.3633$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.8350, -13.2297, -3.3633$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.6920, 13.9558, 3.7781$, and $117.6380, 12.5035, 2.9485$ is the 20% darker color. If you saturate the color by 10%, you get $154.5380, 20.9338, 5.6672$, and if you desaturate by 10%, it is $185.7920, 5.5255, 1.0594$.

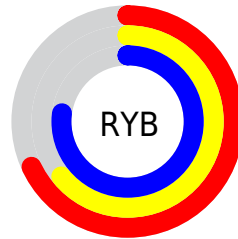
Distribution



Red (68%)

Green (64%)

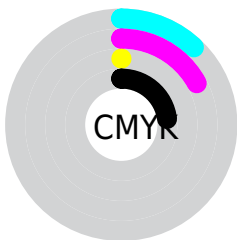
Blue (77%)



Red (68%)

Yellow (64%)

Blue (77%)

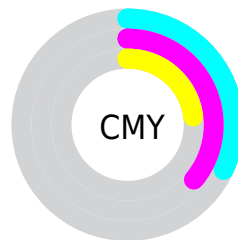


Cyan (12%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (32%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1650, 13.2297, 3.3633 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 170.1650, 13.2297, 3.3633 by changing the saturation by 10% instead.

■ 170.1650, 13.2297,
3.3633

■ 170.1650, 13.2297,
3.3633

255.0000, 0.0000,
0.0000

■ 143.7520, 12.9403,
2.8485

■ 225.6920, 13.9558,
3.7781

■ 117.6380, 12.5035,
2.9485

■ 249.7170, 2.6045,
4.6332

■ 93.2250, 12.2141,
2.4337

■ 69.6980, 11.4879,
2.0189

■ 47.1710, 10.7617,
1.6040

■ 26.0570, 10.3249,
1.7040

■ 2.9640, 11.3567,

-2.5994

■ 0.0000, 0.0000,
0.0000

■ 170.1650, 13.2297,
3.3633

■ 170.1650, 13.2297,
3.3633

■ 154.5380, 20.9338,
5.6672

■ 185.7920, 5.5255,
1.0594

■ 139.1990, 28.4959,
6.8415

■ 201.1310, -2.0366,
-0.1149

■ 123.5720, 36.2000,
9.1454

■ 216.7580, -9.7407,
-2.4188

■ 107.9450, 43.9041,
11.4492

■ 232.3850,
-17.4448, -4.7226

■ 92.6060, 51.4662,
12.6235

■ 244.2020,
-23.2706, -2.8082

■ 76.9790, 59.1704,
14.9274

■ 248.0890,
-25.1869, 5.1839

■ 61.3520, 66.8745,
17.2313

■ 248.3880,
-25.3343, 5.7987

■ 45.4260, 74.7260,
18.9204

■ 41.5940, 76.6152,
19.6501

Harmonies

Analogous

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



167.3800, 17.0677, -14.3653



170.1650, 13.2297, 3.3633



171.4290, 6.1975, 18.9178

Triad

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



170.1650, 13.2297, 3.3633



169.1310, -15.3476, 22.6871



161.5400, 4.1708, -31.1686

Complementary

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



170.1650, 13.2297, 3.3633



189.8350, -13.2297, -3.3633

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.



163.3860, -5.6133, -19.6325



170.1650, 13.2297, 3.3633



167.4130, -16.4726, 10.1618

Square

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



170.1650, 13.2297, 3.3633



169.9560, -9.8383, 28.9796



165.2370, -12.9348, -4.5928



161.3960, 12.6228, -35.4273

Rectangle

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



170.1650, 13.2297, 3.3633



171.3930, 0.7923, 25.9653



165.2370, -12.9348, -4.5928



162.0520, 0.9604, -28.1096

Sweetspot

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



170.1650, 13.2297, 3.3633



244.6780, 5.0887, 1.1594



180.3770, 8.1951, -15.2396



121.5100, 3.1996, 0.4297



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.



170.1650, 13.2297, 3.3633



212.5380, 20.9338, 5.6672



175.2480, 10.7237, 13.8145



91.9230, 3.4890, 0.9445



34.4290, 63.3855, 16.2868



7.6920, 13.9558, 3.7781

Inverse Universe

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



175.7880, 5.0345, 18.6029



221.3640, 8.2015, 29.4988



184.7520, -10.7237, -13.8145



93.3750, 1.2941, 4.9331



61.2770, 24.0204, 89.2111



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 170.1650, 13.2297, 3.3633 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 170.1650, 13.2297, 3.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

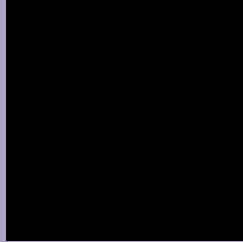
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.1650, 13.2297, 3.3633

Background



This preview shows how black text looks on a background with the YUV color 170.1650, 13.2297, 3.3633.



This preview shows how white text looks on a background with the YUV color 170.1650, 13.2297,

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

170.1650, 13.2297, 3.3633

Protanopia

168.8540, 14.8620, -6.8880

Deuteranopia

169.8550, 13.3825, 1.0042



Tritanopia

168.9770, 4.9413, 1.7742

Trichromacy



Original Color

170.1650, 13.2297, 3.3633

Protanomaly

169.6480, 13.9775, -3.1993

Deuteranomaly

170.1540, 13.2351, 1.6189

Tritanomaly

169.4870, 8.1409, 2.2039

Monochromacy



Original Color

170.1650, 13.2297, 3.3633

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.6780, 5.0887, 1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1650, 13.2297, 3.3633 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(174, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(174, 163, 197)  
}
```

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(174, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 163, 197) }
```

Border

The CSS property to change the border of an element to YUV 170.1650, 13.2297, 3.3633 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(174, 163, 197) }
```


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

```
.border{ border-color:rgb(174, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(174, 163,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 170.1650, 13.2297, 3.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 163, 197) }
```

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

```
.background{ background-color: rgb(174,  
163, 197) }
```

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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