

Converting Colors

YUV(150.1950, 7.7919, 20.8770)

Have a look what the booklet for
YUV(150.1950, 7.7919, 20.8770)
contains.

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Color

**YUV(150.1950, 7.7919,
20.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	AE87A6
RGB	174, 135, 166
RGB Percent	68%, 53%, 65%
CMY	0.3176, 0.4706, 0.3490
CMYK	0.00, 0.22, 0.05, 0.32
HSL	312°, 19%, 61%
HSV	312°, 22%, 68%
XYZ	33.0025, 29.0798, 39.9499
YIQ	150.1950, 13.2930, 17.9090

Conversions

Conversions Part 2

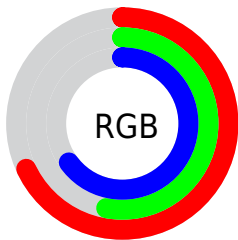
Format	Color
RYB	174, 135, 166
Decimal	11437990
CIELab	60.85, 20.17, -10.68
CIELCh	61, 22.823, 332.109
Yxy	29.0798, 0.3235, 0.2850
Android (android.graphics.Color)	4289628070 (0xFFAE87A6)
YUV	150.1950, 7.7919, 20.8770
Hunter-Lab	53.9257, 14.8719, -6.1760

Details

The YUV color $150.1950, 7.7919, 20.8770$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $158.8050, -7.7919, -20.8770$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.9070, 7.9338, 22.0066$, and $99.0700, 7.3605, 19.2326$ is the 20% darker color. If you saturate the color by 10%, you get $139.7600, 10.9643, 30.0285$, and if you desaturate by 10%, it is $160.6300, 4.6194, 11.7255$.

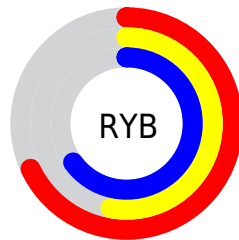
Distribution



Red (68%)

Green (53%)

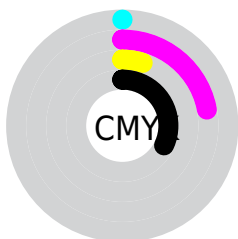
Blue (65%)



Red (68%)

Yellow (53%)

Blue (65%)

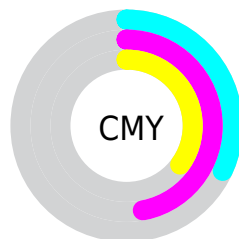


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1950, 7.7919, 20.8770 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 150.1950, 7.7919, 20.8770 by changing the saturation by 10% instead.


 150.1950, 7.7919,
20.8770

 150.1950, 7.7919,
20.8770

255.0000, 0.0000,
0.0000


 123.8960, 7.9393,
20.2622


 204.9070, 7.9338,
22.0066

 99.0700, 7.3605,
19.2326

 231.5370, 9.1023,
20.5771

 74.7710, 7.5079,
18.6178

 249.1300, 2.8939,
5.1480

 51.9450, 6.9291,
17.5882

 29.6460, 7.0765,
16.9735

 11.7060, 6.0609,
16.0438

 0.0000, 0.0000,

0.0000

■ 150.1950, 7.7919,
20.8770

■ 150.1950, 7.7919,
20.8770

■ 139.7600, 10.9643,
30.0285

■ 160.6300, 4.6194,
11.7255

■ 128.8520, 14.8630,
39.5948

■ 171.5380, 0.7208,
2.1592

■ 118.4170, 18.0354,
48.7463

■ 181.9730, -2.4517,
-6.9923

■ 107.5090, 21.9341,
58.3126

■ 192.8810, -6.3503,
-16.5586

■ 97.0740, 25.1065,
67.4641

■ 203.3160, -9.5228,
-25.7101

■ 86.7530, 28.7158,
76.5156

■ 213.6370,
-13.1320, -34.7616

■ 75.7310, 32.1776,
86.1819

■ 223.4850,
-16.0151, -43.3983

■ 67.7580, 34.6293,
93.1742

■ 223.9410,
-14.2679, -43.7983

■ 224.2830,
-12.9575, -44.0982

Harmonies

Analogous

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



148.8490, 15.8504, 2.7634



150.1950, 7.7919, 20.8770



149.7420, -1.8448, 31.7983

Triad

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



150.1950, 7.7919, 20.8770



145.7400, -19.0988, 12.5060



137.2100, 14.6865, -44.0342

Complementary

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



150.1950, 7.7919, 20.8770



158.8050, -7.7919, -20.8770

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.



138.0230, 4.9187, -37.7312



150.1950, 7.7919, 20.8770



143.2540, -15.4082, -4.6078

Square

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



150.1950, 7.7919, 20.8770



147.2840, -17.3950, 26.0609



140.4350, -6.6235, -22.3065



140.4480, 20.4851, -37.2269

Rectangle

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



150.1950, 7.7919, 20.8770



149.4450, -8.1074, 33.8127



140.4350, -6.6235, -22.3065



137.4120, 11.6289, -43.3343

Sweetspot

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



150.1950, 7.7919, 20.8770



217.2660, 3.3199, 8.5367



141.8380, 15.8559, 1.0191



109.4890, 1.7309, 4.8331



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.



150.1950, 7.7919, 20.8770



189.7110, 11.9745, 32.7025



148.0290, -0.5073, 22.7766



81.4890, 1.7309, 4.8331



58.5300, 30.3047, 80.2192



8.9290, 4.4720, 12.3403

Inverse Universe

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



150.1950, 7.7919, 20.8770



189.7110, 11.9745, 32.7025



160.9710, 0.5073, -22.7766



81.4890, 1.7309, 4.8331



58.5300, 30.3047, 80.2192



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 150.1950, 7.7919, 20.8770 looks on a white background.

Color Contrast Check

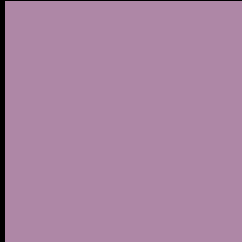
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.1950, 7.7919, 20.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

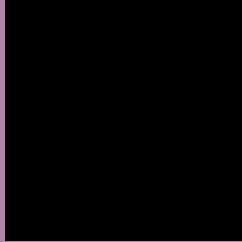
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.1950, 7.7919, 20.8770

Background



This preview shows how black text looks on a background with the YUV color 150.1950, 7.7919, 20.8770.



This preview shows how white text looks on a background with the YUV color 150.1950, 7.7919,

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

150.1950, 7.7919, 20.8770

Protanopia

147.8820, 12.3832, -5.1585

Deuteranopia

148.3840, 7.6987, 4.0482



Tritanopia

149.4200, -0.2071, 19.8027

Trichromacy



Original Color

150.1950, 7.7919, 20.8770

Protanomaly

148.7800, 10.4615, 4.5779

Deuteranomaly

149.1290, 7.8244, 10.4109

Tritanomaly

149.8160, 2.5557, 20.3324

Monochromacy



Original Color

150.1950, 7.7919, 20.8770

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.4400, 2.7411, 7.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1950, 7.7919, 20.8770 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, 135, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 135, 166)  
}
```

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, 135, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 166) }
```

Border

The CSS property to change the border of an element to YUV 150.1950, 7.7919, 20.8770 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, 135, 166) }
```


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

```
.border{ border-color:rgb(174, 135, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 135, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 135, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 135, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 135,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 150.1950, 7.7919, 20.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 166) }
```

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

```
.background{ background-color: rgb(174,  
135, 166) }
```

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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