

Converting Colors

YUV(171.9330, -18.2080,
53.5558)

Have a look what the booklet for
YUV(171.9330, -18.2080, 53.5558)
contains.

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Color

**YUV(171.9330, -18.2080,
53.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	E99487
RGB	233, 148, 135
RGB Percent	91%, 58%, 53%
CMY	0.0863, 0.4196, 0.4706
CMYK	0.00, 0.36, 0.42, 0.09
HSL	8°, 69%, 72%
HSV	8°, 42%, 91%
XYZ	48.5674, 40.2527, 28.1314
YIQ	171.9330, 54.8330, 13.9770

Conversions

Conversions Part 2

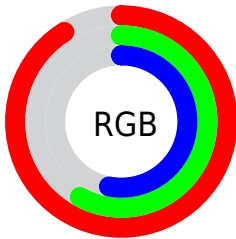
Format	Color
R _Y B	233, 150, 135
Decimal	15307911
CIE Lab	69.65, 30.56, 20.29
CIE LCh	70, 36.680, 33.583
Yxy	40.2527, 0.4153, 0.3442
Android (android.graphics.Color)	4293497991 (0xFFE99487)
YUV	171.9330, -18.2080, 53.5558
Hunter-Lab	63.4450, 25.6135, 18.1224

Details

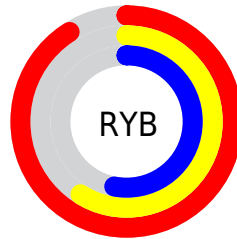
The YUV color **171.9330, -18.2080, 53.5558** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **196.0670, 18.2080, -53.5558**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8380, -14.2171, 33.4681**, and **118.3670, -16.4499, 49.6671** is the 20% darker color. If you saturate the color by 10%, you get **157.5710, -22.4665, 66.1512**, and if you desaturate by 10%, it is **186.2950, -13.9494, 40.9603**.

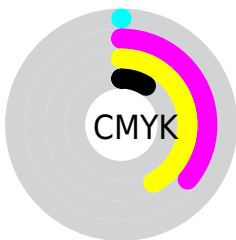
Distribution



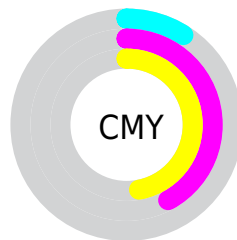
- Red (91%)
- Green (58%)
- Blue (53%)



- Red (91%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.9330, -18.2080, 53.5558 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 171.9330, -18.2080, 53.5558 by changing the saturation by 10% instead.

 171.9330,
-18.2080, 53.5558


 171.9330,
-18.2080, 53.5558


255.0000, 0.0000,
0.0000

 145.1500,
-17.3289, 51.6115


 216.8380,
-14.2171, 33.4681


 118.3670,
-16.4499, 49.6671

 236.4660,
-10.0897, 16.2543

 92.3990, -14.9867,
47.0081

 253.8600, -4.3680,
0.9998

 67.4310, -13.5235,
44.3490

 42.9900, -11.3341,
42.1048

 19.4350, -9.5815,
39.9605

 12.6720, -5.7543,

25.7207

0.0000, 0.0000,
0.0000

171.9330,
-18.2080, 53.5558

171.9330,
-18.2080, 53.5558

157.5710,
-22.4665, 66.1512

186.2950,
-13.9494, 40.9603

143.0950,
-27.1618, 78.8467

200.7710, -9.2541,
28.2648

128.1460,
-31.1310, 91.9570

215.7200, -5.2850,
15.1546

113.7840,
-35.3895, 104.5524

230.0820, -1.0264,
2.5591

99.4220, -39.6480,
117.1479

244.5580, 3.6689,
-10.1364

■ 87.8640, -43.3170,
127.2843

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



173.5320, -3.2203, 53.0304



171.9330, -18.2080, 53.5558



169.9840, -29.0791, 40.3560

Triad

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



171.9330, -18.2080, 53.5558



158.2280, -9.4794, -39.6650



166.4390, 34.2936, -32.8340

Complementary

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



171.9330, -18.2080, 53.5558



196.0670, 18.2080, -53.5558

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.



153.8810, 37.0337, -71.8096



171.9330, -18.2080, 53.5558



150.7090, 10.9895, -71.6588

Square

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



171.9330, -18.2080, 53.5558



163.8160, -24.5593, -9.4856



143.7180, 30.7050, -95.3457



173.2050, 26.0279, 5.0822

Rectangle

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



171.9330, -18.2080, 53.5558



168.7990, -31.9459, 26.4863



143.7180, 30.7050, -95.3457



163.1060, 35.9367, -46.5740

Sweetspot

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



171.9330, -18.2080, 53.5558



234.2150, -6.0220, 18.2284



174.2200, 23.5555, 51.5501



115.0400, -3.9637, 11.3659



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.



171.9330, -18.2080, 53.5558



175.3650, -23.3509, 69.8399



199.5220, -31.8093, 29.3602



109.8760, -1.9109, 6.2477



68.2070, -33.6261, 98.9195



20.2550, -9.9857, 29.5944

Inverse Universe

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



196.0670, 18.2080, -53.5558



207.0480, 23.6403, -69.3251



168.4780, 31.8093, -29.3602



113.1240, 1.9109, -6.2477



112.7930, 33.6261, -98.9195



33.1580, 10.2751, -29.0796

Previews

White Background



This preview shows how the YUV color 171.9330, -18.2080, 53.5558 looks on a white background.

Color Contrast Check

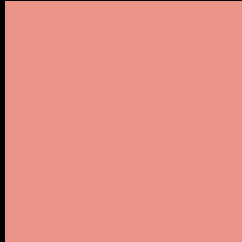
Large Text (above 18pt) WCAG AA × Fail

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 171.9330, -18.2080, 53.5558 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 171.9330, -18.2080, 53.5558

Background



This preview shows how black text looks on a background with the YUV color 171.9330, -18.2080, 53.5558.



This preview shows how white text looks on a background with the YUV color 171.9330, -18.2080, 53.5558.

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

171.9330, -18.2080, 53.5558

Protanopia

169.9550, -11.8098, 7.9325

Deuteranopia

171.1160, -19.2842, 25.3313



Tritanopia

173.1640, -8.4619, 54.2302

Trichromacy



Original Color

171.9330, -18.2080, 53.5558

Protanomaly

170.7830, -14.1900, 24.7463

Deuteranomaly

171.2960, -18.8799, 35.6974

Tritanomaly

172.5400, -12.0982, 53.9004

Monochromacy



Original Color

171.9330, -18.2080, 53.5558

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8130, -6.3168, 19.4580

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9330, -18.2080, 53.5558 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(233, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(233, 148, 135)  
}
```

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(233, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 148, 135) }
```

Border

The CSS property to change the border of an element to YUV 171.9330, -18.2080, 53.5558 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(233, 148, 135) }
```


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

```
.border{ border-color:rgb(233, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(233, 148,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 171.9330, -18.2080, 53.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 148, 135) }
```

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

```
.background{ background-color: rgb(233,  
148, 135) }
```

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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