

Converting Colors

YUV(172.6130, -19.5292,
57.3444)

Have a look what the booklet for
YUV(172.6130, -19.5292, 57.3444)
contains.

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Color

**YUV(172.6130, -19.5292,
57.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9385
RGB	238, 147, 133
RGB Percent	93%, 58%, 52%
CMY	0.0667, 0.4235, 0.4784
CMYK	0.00, 0.38, 0.44, 0.07
HSL	8°, 76%, 73%
HSV	8°, 44%, 93%
XYZ	49.9273, 40.7380, 27.4221
YIQ	172.6130, 58.7300, 14.9380

Conversions

Conversions Part 2

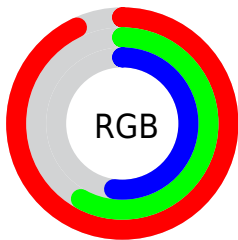
Format	Color
R _Y B	238, 149, 133
Decimal	15635333
CIE Lab	69.99, 32.78, 21.96
CIE LCh	70, 39.453, 33.822
Yxy	40.7380, 0.4228, 0.3450
Android (android.graphics.Color)	4293825413 (0xFFEE9385)
YUV	172.6130, -19.5292, 57.3444
Hunter-Lab	63.8264, 27.9329, 19.2054

Details

The YUV color $172.6130, -19.5292, 57.3444$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $198.3870, 19.5292, -57.3444$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.0230, -14.8013, 34.1828$, and $118.7480, -17.6238, 52.8410$ is the 20% darker color. If you saturate the color by 10%, you get $157.5500, -23.9351, 70.5547$, and if you desaturate by 10%, it is $187.6760, -15.1233, 44.1341$.

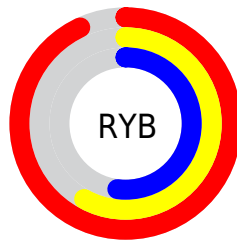
Distribution



Red (93%)

Green (58%)

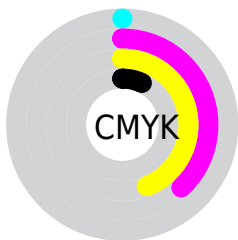
Blue (52%)



Red (93%)

Yellow (58%)

Blue (52%)

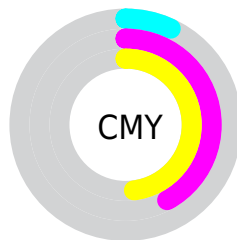


Cyan (0%)

Magenta (38%)

Yellow (44%)

Black (7%)



Cyan (7%)

Magenta (42%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6130, -19.5292, 57.3444 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 172.6130, -19.5292, 57.3444 by changing the saturation by 10% instead.

172.6130,
-19.5292, 57.3444

172.6130,
-19.5292, 57.3444

255.0000, 0.0000,
0.0000

145.5310,
-18.5028, 54.7853

216.0230,
-14.8013, 34.1828

118.7480,
-17.6238, 52.8410

235.6510,
-10.6739, 16.9691

92.7800, -16.1605,
50.1819

253.5180, -5.6784,
1.2997

67.8120, -14.6973,
47.5229

42.7840, -12.2185,
45.7934

20.3320, -10.0237,
41.8048

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 172.6130,
-19.5292, 57.3444

■ 172.6130,
-19.5292, 57.3444

■ 157.5500,
-23.9351, 70.5547

■ 187.6760,
-15.1233, 44.1341

■ 143.0740,
-28.6305, 83.2501

■ 202.1520,
-10.4279, 31.4387

■ 128.1250,
-32.5996, 96.3604

■ 217.1010, -6.4588,
18.3284

■ 113.0620,
-37.0056, 109.5706

■ 232.1640, -2.0529,
5.1182

■ 98.5860, -41.7009,
122.2661

■ 246.6400, 2.6425,
-7.5773

■ 89.9460, -44.3434,
129.8434

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



174.5540, -3.2311, 56.5191



172.6130, -19.5292, 57.3444



170.7240, -31.4159, 43.2151

Triad

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



172.6130, -19.5292, 57.3444



157.7930, -9.7579, -43.6685



166.8130, 37.0672, -35.7930

Complementary

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



172.6130, -19.5292, 57.3444



198.3870, 19.5292, -57.3444

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.



150.9550, 41.4342, -83.2755



172.6130, -19.5292, 57.3444



147.6260, 13.4954, -82.1100

Square

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



172.6130, -19.5292, 57.3444



164.2350, -26.7379, -10.7301



134.8830, 37.0327, -118.2924



174.3730, 27.9171, 5.8119

Rectangle

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



172.6130, -19.5292, 57.3444



168.8270, -34.4247, 28.2157



134.8830, 37.0327, -118.2924



162.5830, 39.1526, -51.3773

Sweetspot

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



172.6130, -19.5292, 57.3444



234.2150, -6.0220, 18.2284



174.7690, 24.2709, 55.4536



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.



172.6130, -19.5292, 57.3444



170.9310, -25.1090, 73.7285



202.5500, -34.2881, 31.0897



112.1750, -2.0583, 6.8625



69.1040, -34.0683, 100.7638



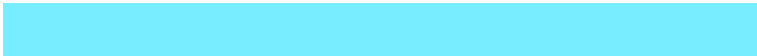
20.8530, -10.2805, 30.8239

Inverse Universe

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



198.3870, 19.5292, -57.3444



204.0690, 25.1090, -73.7285



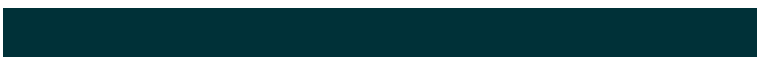
167.8630, 34.5775, -30.5749



115.2380, 2.3477, -6.3477



114.3090, 34.3577, -100.2490



35.1470, 10.2805, -30.8239

Previews

White Background



This preview shows how the YUV color 172.6130, -19.5292, 57.3444 looks on a white background.

Color Contrast Check

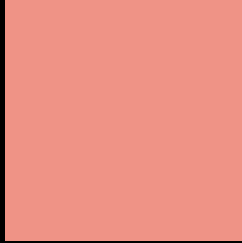
Large Text (above 18pt) WCAG AA × Fail

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 172.6130, -19.5292, 57.3444 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 172.6130, -19.5292, 57.3444

Background



This preview shows how black text looks on a background with the YUV color 172.6130, -19.5292, 57.3444.



This preview shows how white text looks on a background with the YUV color 172.6130, -19.5292, 57.3444.

57.3444.

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

172.6130, -19.5292, 57.3444

Protanopia

170.9120, -13.2676, 8.8472

Deuteranopia

171.4860, -20.4526, 26.7608



Tritanopia

173.9580, -9.3463, 57.9188

Trichromacy



Original Color

172.6130, -19.5292, 57.3444

Protanomaly

171.4520, -15.5058, 26.7906

Deuteranomaly

171.9650, -20.1957, 37.7417

Tritanomaly

173.3340, -12.9827, 57.5891

Monochromacy



Original Color

172.6130, -19.5292, 57.3444

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1830, -7.4852, 20.8875

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6130, -19.5292, 57.3444 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(238, 147, 133)` looks like.

```
.text, #text, p{  
    color:rgb(238, 147, 133)  
}
```

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(238, 147, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 147, 133) }
```

Border

The CSS property to change the border of an element to YUV 172.6130, -19.5292, 57.3444 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(238, 147, 133) }
```


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

```
.border{ border-color:rgb(238, 147, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 147, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 147, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 147, 133);  
box-shadow:4px 4px 4px 4px rgb(238, 147,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 172.6130, -19.5292, 57.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 147, 133) }
```

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

```
.background{ background-color: rgb(238,  
147, 133) }
```

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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