

Converting Colors

YUV(189.8130, -19.6278,
42.2600)

Have a look what the booklet for
YUV(189.8130, -19.6278, 42.2600)
contains.

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Color

**YUV(189.8130, -19.6278,
42.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAD96
RGB	238, 173, 150
RGB Percent	93%, 68%, 59%
CMY	0.0667, 0.3216, 0.4118
CMYK	0.00, 0.27, 0.37, 0.07
HSL	16°, 72%, 76%
HSV	16°, 37%, 93%
XYZ	55.7085, 50.2663, 35.6204
YIQ	189.8130, 46.1230, 6.6270

Conversions

Conversions Part 2

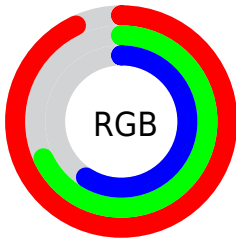
Format	Color
R _Y B	238, 181, 150
Decimal	15642006
CIE Lab	76.23, 20.88, 21.21
CIE LCh	76, 29.768, 45.447
Yxy	50.2663, 0.3934, 0.3550
Android (android.graphics.Color)	4293832086 (0xFFEEAD96)
YUV	189.8130, -19.6278, 42.2600
Hunter-Lab	70.8987, 16.1831, 19.8411

Details

The YUV color **189.8130, -19.6278, 42.2600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.1870, 19.6278, -42.2600**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9240, -14.7525, 18.4837**, and **135.5460, -18.0172, 38.9862** is the 20% darker color. If you saturate the color by 10%, you get **176.5110, -24.9019, 53.9259**, and if you desaturate by 10%, it is **203.1150, -14.3537, 30.5941**.

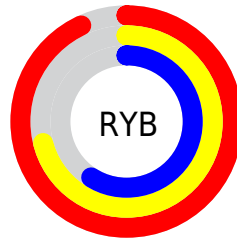
Distribution



Red (93%)

Green (68%)

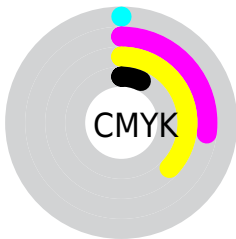
Blue (59%)



Red (93%)

Yellow (71%)

Blue (59%)

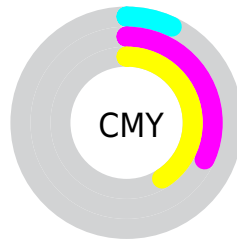


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (7%)



Cyan (7%)

Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8130, -19.6278, 42.2600 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 189.8130, -19.6278, 42.2600 by changing the saturation by 10% instead.

189.8130,
-19.6278, 42.2600

189.8130,
-19.6278, 42.2600

255.0000, 0.0000,
0.0000

162.3290,
-18.8962, 40.9305

233.9240,
-14.7525, 18.4837

135.5460,
-18.0172, 38.9862

252.3780,
-10.0464, 2.2995

109.7630,
-17.1382, 37.0418

84.9800, -16.2591,
35.0975

61.0120, -14.7959,
32.4385

37.7020, -14.6431,
30.0793

16.4010, -8.0857,

26.8353

■ 3.5880, -1.7689,
7.3773

■ 0.0000, 0.0000,
0.0000

■ 189.8130,
-19.6278, 42.2600

■ 189.8130,
-19.6278, 42.2600

■ 176.5110,
-24.9019, 53.9259

■ 203.1150,
-14.3537, 30.5941

■ 163.7960,
-30.4654, 65.0769

■ 215.8300, -8.7902,
19.4431

■ 150.6080,
-35.3027, 76.6428

■ 229.0180, -3.9529,
7.8772

■ 137.8930,
-40.8662, 87.7938

■ 241.7330, 1.6106,
-3.2738

■ 124.5910,
-46.1404, 99.4597

■ 249.9170, 2.5059,
-10.4512

■ 111.8760,
-51.7039, 110.6107

■ 107.5560,
-53.0251, 114.3994

Harmonies

Analogous

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



191.5220, -8.1453, 46.0232



189.8130, -19.6278, 42.2600



188.0040, -26.1310, 28.0605

Triad

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



189.8130, -19.6278, 42.2600



177.4650, -2.2012, -40.7498



188.6820, 25.7928, -12.8761

Complementary

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



189.8130, -19.6278, 42.2600



198.1870, 19.6278, -42.2600

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.



182.0050, 29.0845, -42.1004



189.8130, -19.6278, 42.2600



174.1820, 13.7143, -58.9186

Square

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



189.8130, -19.6278, 42.2600



181.6500, -16.0964, -17.2330



175.7440, 24.7762, -60.2885



191.9800, 17.2649, 15.8035

Rectangle

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



189.8130, -19.6278, 42.2600



186.2150, -26.2350, 14.7204



175.7440, 24.7762, -60.2885



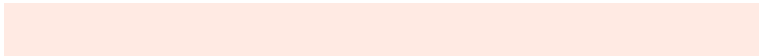
186.3710, 27.4251, -23.1274

Sweetspot

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



189.8130, -19.6278, 42.2600



239.4810, -6.1531, 13.6102



183.8360, 15.8569, 47.5018



118.4310, -3.6635, 8.3920



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.



189.8130, -19.6278, 42.2600



193.5110, -24.9019, 53.9259



215.0540, -32.0716, 20.1236



113.3490, -2.6371, 5.8329



83.1920, -41.0137, 88.4086



25.5490, -12.5957, 26.7055

Inverse Universe

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



198.1870, 19.6278, -42.2600



204.4890, 24.9019, -53.9259



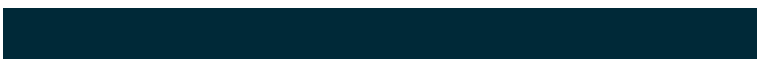
172.9460, 32.0716, -20.1236



114.6510, 2.6371, -5.8329



100.8080, 41.0137, -88.4086



30.4510, 12.5957, -26.7055

Previews

White Background



This preview shows how the YUV color 189.8130, -19.6278, 42.2600 looks on a white background.

Color Contrast Check

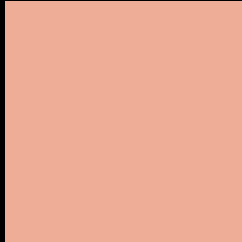
Large Text (above 18pt) WCAG AA × Fail

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 189.8130, -19.6278, 42.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

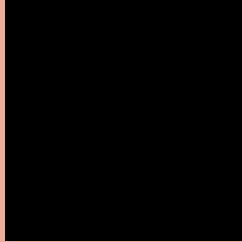
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8130, -19.6278, 42.2600

Background



This preview shows how black text looks on a background with the YUV color 189.8130, -19.6278, 42.2600.



This preview shows how white text looks on a background with the YUV color 189.8130, -19.6278,

42.2600.

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

189.8130, -19.6278, 42.2600

Protanopia

187.7550, -15.1622, 9.8619

Deuteranopia

189.0130, -19.7264, 27.1756



Tritanopia

191.8960, -5.3717, 43.0642

Trichromacy



Original Color

189.8130, -19.6278, 42.2600

Protanomaly

188.6640, -17.0894, 21.3427

Deuteranomaly

189.3450, -19.8901, 33.0234

Tritanomaly

190.9300, -10.3185, 43.0344

Monochromacy



Original Color

189.8130, -19.6278, 42.2600

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8130, -19.6278, 42.2600 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, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(238, 173, 150)  
}
```

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, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 173, 150) }
```

Border

The CSS property to change the border of an element to YUV 189.8130, -19.6278, 42.2600 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, 173, 150) }
```


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

```
.border{ border-color:rgb(238, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(238, 173,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 189.8130, -19.6278, 42.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 173, 150) }
```

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

```
.background{ background-color: rgb(238,  
173, 150) }
```

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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