

Converting Colors

YUV(189.2420, -20.3323,
34.8678)

Have a look what the booklet for
YUV(189.2420, -20.3323, 34.8678)
contains.

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Color

**YUV(189.2420, -20.3323,
34.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B194
RGB	229, 177, 148
RGB Percent	90%, 69%, 58%
CMY	0.1020, 0.3059, 0.4196
CMYK	0.00, 0.23, 0.35, 0.10
HSL	21°, 61%, 74%
HSV	21°, 35%, 90%
XYZ	53.3805, 50.2404, 34.9009
YIQ	189.2420, 40.3010, 2.0050

Conversions

Conversions Part 2

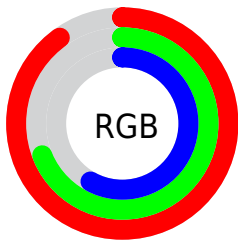
Format	Color
R _Y B	229, 193, 148
Decimal	15053204
CIE Lab	76.22, 15.04, 22.12
CIE LCh	76, 26.749, 55.785
Yxy	50.2404, 0.3854, 0.3627
Android (android.graphics.Color)	4293243284 (0xFFE5B194)
YUV	189.2420, -20.3323, 34.8678
Hunter-Lab	70.8805, 10.3887, 20.4225

Details

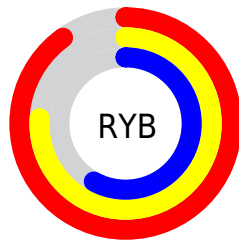
The YUV color $189.2420, -20.3323, 34.8678$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $187.7580, 20.3323, -34.8678$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.0440, -16.7837, 16.6244$, and $135.2740, -18.8691, 32.2087$ is the 20% darker color. If you saturate the color by 10%, you get $177.8150, -26.0378, 44.8892$, and if you desaturate by 10%, it is $200.6690, -14.6268, 24.8463$.

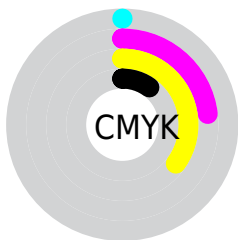
Distribution



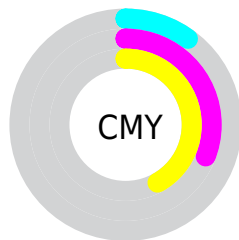
- Red (90%)
- Green (69%)
- Blue (58%)



- Red (90%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2420, -20.3323, 34.8678 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 189.2420, -20.3323, 34.8678 by changing the saturation by 10% instead.

189.2420,
-20.3323, 34.8678

189.2420,
-20.3323, 34.8678

255.0000, 0.0000,
0.0000

161.7580,
-19.6007, 33.5382

236.0440,
-16.7837, 16.6244

135.2740,
-18.8691, 32.2087

252.1500,
-10.9200, 2.4994

109.4910,
-17.9901, 30.2644

85.0070, -17.2585,
28.9349

61.0390, -15.7952,
26.2758

38.5010, -16.5160,
24.1166

18.4280, -9.0850,

20.6726

■ 0.0000, 0.0000,
0.0000

■ 189.2420,
-20.3323, 34.8678

■ 189.2420,
-20.3323, 34.8678

■ 177.8150,
-26.0378, 44.8892

■ 200.6690,
-14.6268, 24.8463

■ 166.9750,
-32.0327, 54.3959

■ 211.5090, -8.6319,
15.3396

■ 155.5480,
-37.7382, 64.4174

■ 222.9360, -2.9264,
5.3181

■ 144.1210,
-43.4437, 74.4389

■ 234.3630, 2.7790,
-4.7034

■ 132.6940,
-49.1491, 84.4604

■ 244.8780, 4.9901,
-13.9250

■ 121.9680,
-54.7072, 93.8671

■ 247.2260, 3.8326,
-15.9842

■ 116.6050,
-57.4863, 98.5704

Harmonies

Analogous

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



190.6910, -11.1867, 41.4900



189.2420, -20.3323, 34.8678



186.9320, -23.6305, 19.3536

Triad

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



189.2420, -20.3323, 34.8678



178.0070, 2.4615, -42.9791



189.7820, 20.8135, -2.4398

Complementary

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



189.2420, -20.3323, 34.8678



187.7580, 20.3323, -34.8678

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.



184.8820, 25.6942, -27.9605



189.2420, -20.3323, 34.8678



176.4970, 16.0240, -53.0559

Square

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



189.2420, -20.3323, 34.8678



181.2840, -10.9860, -23.0511



179.2940, 24.0121, -48.4928



192.2320, 11.7176, 21.7215

Rectangle

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



189.2420, -20.3323, 34.8678



185.7840, -22.5715, 6.3284



179.2940, 24.0121, -48.4928



188.5960, 22.8772, -11.0467

Sweetspot

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



189.2420, -20.3323, 34.8678



241.2420, -7.0213, 12.0658



178.2610, 11.2103, 44.4981



119.6050, -4.2423, 7.3624



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.



189.2420, -20.3323, 34.8678



202.2990, -26.7694, 46.2188



212.7220, -31.9079, 14.2758



108.9360, -2.9264, 5.3181



91.0890, -44.9069, 77.0979



25.8150, -12.7268, 22.0872

Inverse Universe

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



187.7580, 20.3323, -34.8678



200.7010, 26.7694, -46.2188



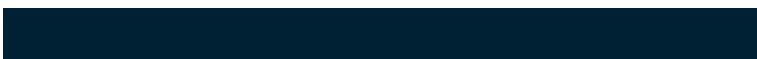
164.2780, 31.9079, -14.2758



109.0640, 2.9264, -5.3181



87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Previews

White Background



This preview shows how the YUV color 189.2420, -20.3323, 34.8678 looks on a white background.

Color Contrast Check

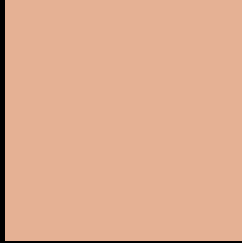
Large Text (above 18pt) WCAG AA × Fail

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 189.2420, -20.3323, 34.8678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

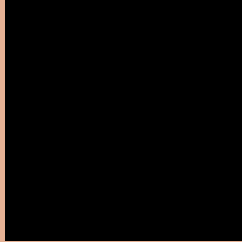
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.2420, -20.3323, 34.8678

Background



This preview shows how black text looks on a background with the YUV color 189.2420, -20.3323, 34.8678.



This preview shows how white text looks on a background with the YUV color 189.2420, -20.3323, 34.8678.

34.8678.

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

189.2420, -20.3323, 34.8678

Protanopia

187.2990, -16.9094, 10.2618

Deuteranopia

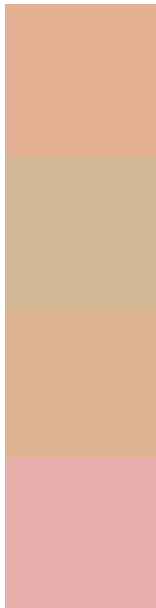
188.7850, -20.6000, 27.3756



Tritanopia

191.7210, -3.3135, 36.2017

Trichromacy



Original Color

189.2420, -20.3323, 34.8678

Protanomaly

188.0120, -18.2469, 19.2835

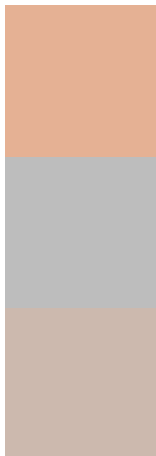
Deuteranomaly

189.0950, -20.7528, 29.7347

Tritanomaly

191.1140, -9.4232, 35.8570

Monochromacy



Original Color

189.2420, -20.3323, 34.8678

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.4270, -7.6055, 12.7805

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2420, -20.3323, 34.8678 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(229, 177, 148)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 148)  
}
```

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(229, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 148) }
```

Border

The CSS property to change the border of an element to YUV 189.2420, -20.3323, 34.8678 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(229, 177, 148) }
```


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

```
.border{ border-color:rgb(229, 177, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 177, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 148);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 189.2420, -20.3323, 34.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 148) }
```

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

```
.background{ background-color: rgb(229,  
177, 148) }
```

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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