

Converting Colors

YUV(186.8840, -20.6488,
43.0747)

Have a look what the booklet for
YUV(186.8840, -20.6488, 43.0747)
contains.

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Color

**YUV(186.8840, -20.6488,
43.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	ECAA91
RGB	236, 170, 145
RGB Percent	93%, 67%, 57%
CMY	0.0745, 0.3333, 0.4314
CMYK	0.00, 0.28, 0.39, 0.07
HSL	16°, 71%, 75%
HSV	16°, 39%, 93%
XYZ	54.0776, 48.6267, 33.3237
YIQ	186.8840, 47.3610, 6.2170

Conversions

Conversions Part 2

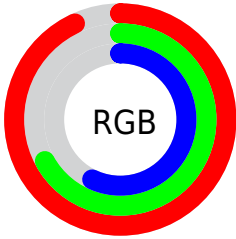
Format	Color
R _Y B	236, 179, 145
Decimal	15510161
CIE Lab	75.22, 21.13, 22.49
CIE LCh	75, 30.862, 46.787
Yxy	48.6267, 0.3975, 0.3575
Android (android.graphics.Color)	4293700241 (0xFFECA91)
YUV	186.8840, -20.6488, 43.0747
Hunter-Lab	69.7328, 16.3939, 20.4796

Details

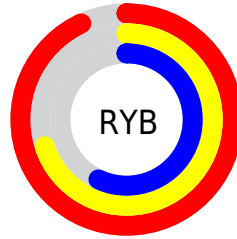
The YUV color **186.8840, -20.6488, 43.0747** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **194.1160, 20.6488, -43.0747**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5930, -16.0683, 20.5279**, and **133.2040, -19.3276, 39.2861** is the 20% darker color. If you saturate the color by 10%, you get **174.1690, -26.2123, 54.2258**, and if you desaturate by 10%, it is **199.5990, -15.0853, 31.9237**.

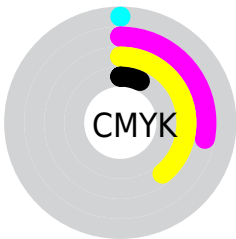
Distribution



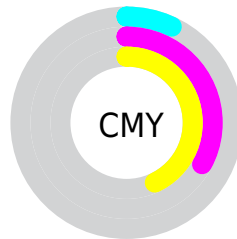
- Red (93%)
- Green (67%)
- Blue (57%)



- Red (93%)
- Yellow (70%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8840, -20.6488, 43.0747 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 186.8840, -20.6488, 43.0747 by changing the saturation by 10% instead.

186.8840,
-20.6488, 43.0747

186.8840,
-20.6488, 43.0747

255.0000, 0.0000,
0.0000

159.4000,
-19.9172, 41.7452

231.5930,
-16.0683, 20.5279

133.2040,
-19.3276, 39.2861

251.2210,
-11.9410, 3.3142

107.5350,
-18.0118, 37.2418

82.7520, -17.1327,
35.2975

58.7840, -15.6695,
32.6384

35.1320, -16.8271,
30.5792

14.0420, -6.9227,

27.1502

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 186.8840,
-20.6488, 43.0747

■ 186.8840,
-20.6488, 43.0747

■ 174.1690,
-26.2123, 54.2258

■ 199.5990,
-15.0853, 31.9237

■ 161.5680,
-31.3390, 65.2769

■ 212.2000, -9.9586,
20.8726

■ 148.8530,
-36.9025, 76.4279

■ 224.9150, -4.3951,
9.7215

■ 136.2520,
-42.0292, 87.4790

■ 237.5160, 0.7316,
-1.3295

■ 122.9500,
-47.3033, 99.1449

■ 249.3190, 2.8007,
-11.6808

■ 110.2350,
-52.8669, 110.2959

■ 108.7190,
-53.5985, 111.6254

Harmonies

Analogous

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



188.8920, -9.3138, 47.4527



186.8840, -20.6488, 43.0747



184.7760, -27.0046, 28.2604

Triad

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



186.8840, -20.6488, 43.0747



173.9700, -1.4642, -43.8237



185.5080, 26.3716, -11.8465

Complementary

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



186.8840, -20.6488, 43.0747



194.1160, 20.6488, -43.0747

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.



178.9340, 30.1055, -42.9151



186.8840, -20.6488, 43.0747



170.5020, 15.0355, -62.7073

Square

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



186.8840, -20.6488, 43.0747



178.6390, -16.0910, -18.9774



171.8900, 26.6762, -63.0475



188.9910, 17.2594, 17.5479

Rectangle

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



186.8840, -20.6488, 43.0747



183.3890, -26.8138, 13.6908



171.8900, 26.6762, -63.0475



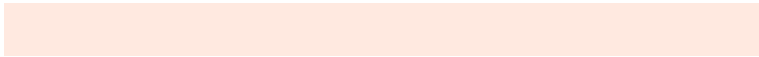
183.8980, 28.1513, -22.7125

Sweetspot

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



186.8840, -20.6488, 43.0747



238.5520, -7.1741, 14.4249



179.8470, 15.8514, 49.2462



118.3170, -4.1003, 8.4920



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.



186.8840, -20.6488, 43.0747



191.7670, -26.5071, 55.4553



213.2990, -33.6714, 19.9088



111.0500, -2.4896, 5.2182



83.4690, -41.1502, 85.5347



24.9510, -12.3008, 25.4760

Inverse Universe

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



194.1160, 20.6488, -43.0747



201.2330, 26.5071, -55.4553



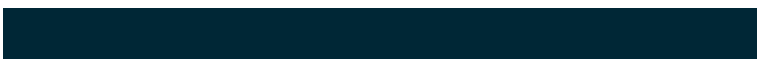
167.7010, 33.6714, -19.9088



111.9500, 2.4897, -5.2181



97.5310, 41.1502, -85.5347



29.0490, 12.3008, -25.4760

Previews

White Background



This preview shows how the YUV color 186.8840, -20.6488, 43.0747 looks on a white background.

Color Contrast Check

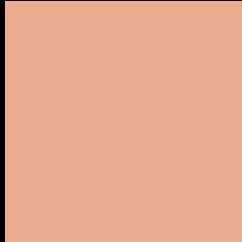
Large Text (above 18pt) WCAG AA × Fail

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 186.8840, -20.6488, 43.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

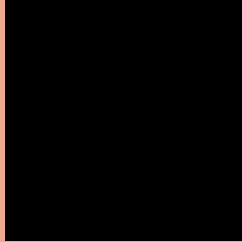
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.8840, -20.6488, 43.0747

Background



This preview shows how black text looks on a background with the YUV color 186.8840, -20.6488, 43.0747.



This preview shows how white text looks on a background with the YUV color 186.8840, -20.6488, 43.0747.

43.0747.

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

186.8840, -20.6488, 43.0747

Protanopia

184.5270, -16.0358, 10.0618

Deuteranopia

185.9700, -21.1842, 28.0903



Tritanopia

188.6080, -5.2297, 44.1938

Trichromacy



Original Color

186.8840, -20.6488, 43.0747

Protanomaly

185.7350, -18.1104, 22.1574

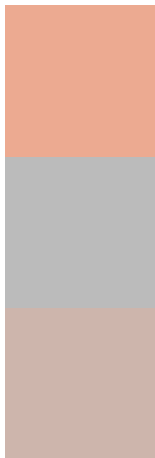
Deuteranomaly

186.4160, -20.9111, 33.8382

Tritanomaly

188.1150, -10.9027, 43.7491

Monochromacy



Original Color

186.8840, -20.6488, 43.0747

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1500, -7.4690, 15.6544

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8840, -20.6488, 43.0747 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(236, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(236, 170, 145)  
}
```

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(236, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 170, 145) }
```

Border

The CSS property to change the border of an element to YUV 186.8840, -20.6488, 43.0747 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(236, 170, 145) }
```


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

```
.border{ border-color:rgb(236, 170, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 170, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(236, 170,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 186.8840, -20.6488, 43.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 170, 145) }
```

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

```
.background{ background-color: rgb(236,  
170, 145) }
```

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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