

Converting Colors

YUV(189.8450, -18.1646,
39.6009)

Have a look what the booklet for
YUV(189.8450, -18.1646, 39.6009)
contains.

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Color

**YUV(189.8450, -18.1646,
39.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAE99
RGB	235, 174, 153
RGB Percent	92%, 68%, 60%
CMY	0.0784, 0.3176, 0.4000
CMYK	0.00, 0.26, 0.35, 0.08
HSL	15°, 67%, 76%
HSV	15°, 35%, 92%
XYZ	55.1468, 50.2342, 36.9266
YIQ	189.8450, 43.0970, 6.4010

Conversions

Conversions Part 2

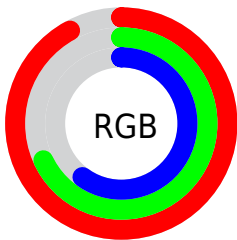
Format	Color
R _Y B	235, 181, 153
Decimal	15445657
CIE Lab	76.21, 19.56, 19.51
CIE LCh	76, 27.628, 44.937
Yxy	50.2342, 0.3875, 0.3530
Android (android.graphics.Color)	4293635737 (0xFFEBAE99)
YUV	189.8450, -18.1646, 39.6009
Hunter-Lab	70.8761, 14.8529, 18.7230

Details

The YUV color **189.8450, -18.1646, 39.6009** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.1550, 18.1646, -39.6009**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8530, -13.7315, 17.6689**, and **135.8770, -16.7014, 36.9419** is the 20% darker color. If you saturate the color by 10%, you get **177.2440, -23.2913, 50.6520**, and if you desaturate by 10%, it is **202.5600, -12.6011, 28.4499**.

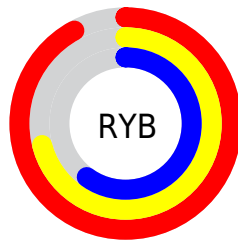
Distribution



Red (92%)

Green (68%)

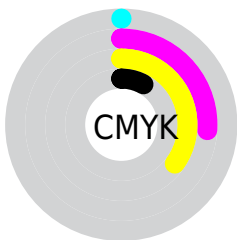
Blue (60%)



Red (92%)

Yellow (71%)

Blue (60%)

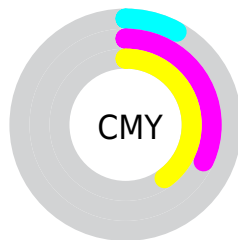


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (8%)



Cyan (8%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8450, -18.1646, 39.6009 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 189.8450, -18.1646, 39.6009 by changing the saturation by 10% instead.

189.8450,
-18.1646, 39.6009

189.8450,
-18.1646, 39.6009

255.0000, 0.0000,
0.0000

162.3610,
-17.4330, 38.2714

234.8530,
-13.7315, 17.6689

135.8770,
-16.7014, 36.9419

252.8340, -8.2992,
1.8996

110.0940,
-15.8223, 34.9976

85.3110, -14.9433,
33.0533

61.2290, -13.9169,
30.4942

38.1470, -12.8905,
27.9351

16.6890, -8.2277,

25.7057

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 189.8450,
-18.1646, 39.6009

■ 189.8450,
-18.1646, 39.6009

■ 177.2440,
-23.2913, 50.6520

■ 202.5600,
-12.6011, 28.4499

■ 163.9420,
-28.5654, 62.3179

■ 215.7480, -7.7638,
16.8840

■ 151.2270,
-34.1289, 73.4689

■ 228.3490, -2.6371,
5.8329

■ 138.0390,
-38.9662, 85.0348

■ 241.6510, 2.6371,
-5.8329

■ 125.3240,
-44.5297, 96.1859

■ 249.0200, 2.9481,
-12.2955

■ 112.1360,
-49.3670, 107.7517

■ 105.4850,
-52.0041, 113.5847

Harmonies

Analogous

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



191.6140, -7.6977, 42.4345



189.8450, -18.1646, 39.6009



187.8620, -24.0890, 26.4310

Triad

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



189.8450, -18.1646, 39.6009



178.4870, -2.2121, -37.2611



188.2260, 24.0456, -12.4762

Complementary

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



189.8450, -18.1646, 39.6009



198.1550, 18.1646, -39.6009

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.



182.4570, 26.8897, -38.1118



189.8450, -18.1646, 39.6009



175.7590, 11.9508, -53.2856

Square

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



189.8450, -18.1646, 39.6009



182.1880, -15.3757, -15.0739



177.2070, 22.5759, -54.5555



191.6270, 15.9599, 14.3591

Rectangle

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



189.8450, -18.1646, 39.6009



186.3720, -24.3404, 13.7058



177.2070, 22.5759, -54.5555



186.5130, 25.3831, -21.4979

Sweetspot

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



189.8450, -18.1646, 39.6009



240.9970, -5.4215, 12.2806



184.5860, 14.9941, 44.2131



119.1320, -3.5161, 7.7772



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.



189.8450, -18.1646, 39.6009



195.8420, -23.5861, 51.8816



213.9120, -30.0296, 18.4942



111.0500, -2.4896, 5.2182



81.1210, -39.9927, 87.5939



24.3640, -12.0115, 25.9908

Inverse Universe

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



198.1550, 18.1646, -39.6009



207.1580, 23.5861, -51.8816



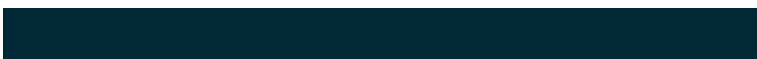
174.6750, 29.7402, -19.0090



111.9500, 2.4897, -5.2181



99.8790, 39.9927, -87.5939



29.6360, 12.0115, -25.9908

Previews

White Background



This preview shows how the YUV color 189.8450, -18.1646, 39.6009 looks on a white background.

Color Contrast Check

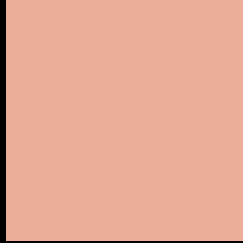
Large Text (above 18pt) WCAG AA × Fail

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 189.8450, -18.1646, 39.6009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

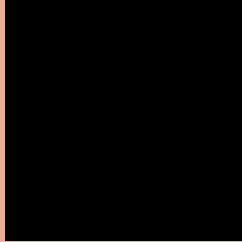
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8450, -18.1646, 39.6009

Background



This preview shows how black text looks on a background with the YUV color 189.8450, -18.1646, 39.6009.



This preview shows how white text looks on a background with the YUV color 189.8450, -18.1646, 39.6009.

39.6009.

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

189.8450, -18.1646, 39.6009

Protanopia

187.7980, -13.7044, 8.9472

Deuteranopia

189.0560, -18.2686, 26.2609



Tritanopia

191.8140, -4.3453, 40.5051

Trichromacy



Original Color

189.8450, -18.1646, 39.6009

Protanomaly

188.4080, -15.4841, 19.8132

Deuteranomaly

189.0890, -18.2849, 31.4939

Tritanomaly

190.8480, -9.2921, 40.4753

Monochromacy



Original Color

189.8450, -18.1646, 39.6009

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7800, -6.3005, 14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8450, -18.1646, 39.6009 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(235, 174, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 153)  
}
```

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(235, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 153) }
```

Border

The CSS property to change the border of an element to YUV 189.8450, -18.1646, 39.6009 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(235, 174, 153) }
```


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

```
.border{ border-color:rgb(235, 174, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 189.8450, -18.1646, 39.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 153) }
```

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

```
.background{ background-color: rgb(235,  
174, 153) }
```

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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