

# Converting Colors

YUV(188.0010, -11.3395,  
43.8491)

Have a look what the booklet for  
YUV(188.0010, -11.3395, 43.8491)  
contains.

<b>YUV(188.0010, -11.3395, 43.8491)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(188.0010, -11.3395,  
43.8491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEA7A5
RGB	238, 167, 165
RGB Percent	93%, 65%, 65%
CMY	0.0667, 0.3451, 0.3529
CMYK	0.00, 0.30, 0.31, 0.07
HSL	2°, 68%, 79%
HSV	2°, 31%, 93%
XYZ	55.8701, 48.5312, 42.0201
YIQ	188.0010, 42.9580, 14.4300

# Conversions

## Conversions Part 2

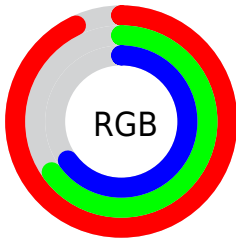
Format	Color
R <sub>Y</sub> B	238, 167, 165
Decimal	15640485
CIE Lab	75.16, 25.92, 11.56
CIE LCh	75, 28.377, 24.037
Yxy	48.5312, 0.3816, 0.3314
Android (android.graphics.Color)	4293830565 (0xFFEEA7A5)
YUV	188.0010, -11.3395, 43.8491
Hunter-Lab	69.6643, 21.2428, 13.0025

# Details

The YUV color **188.0010, -11.3395, 43.8491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **214.9990, 11.3395, -43.8491**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2260, -6.0274, 19.9728**, and **133.6200, -10.1657, 40.6753** is the 20% darker color. If you saturate the color by 10%, you get **171.7640, -15.1667, 58.0890**, and if you desaturate by 10%, it is **204.2380, -7.5123, 29.6093**.

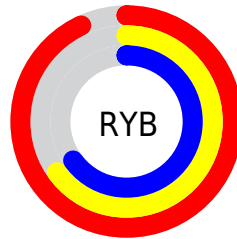
# Distribution



Red (93%)

Green (65%)

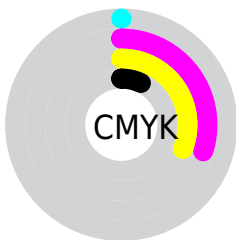
Blue (65%)



Red (93%)

Yellow (65%)

Blue (65%)

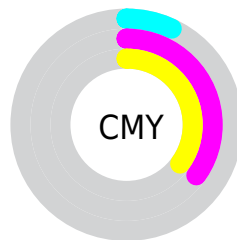


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.0010, -11.3395, 43.8491 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 188.0010, -11.3395, 43.8491 by changing the saturation by 10% instead.



188.0010,  
-11.3395, 43.8491

188.0010,  
-11.3395, 43.8491

255.0000, 0.0000,  
0.0000

160.5170,  
-10.6079, 42.5196

232.2260, -6.0274,  
19.9728

133.6200,  
-10.1657, 40.6753

251.8540, -1.9000,  
2.7590

108.1360, -9.4340,  
39.3457

82.9400, -8.8444,  
36.8866

59.1570, -7.9654,  
34.9423

35.6020, -6.2128,  
32.7980

14.6510, -7.2229,

30.1241

■ 3.8870, -1.9163,  
7.9921

■ 0.0000, 0.0000,  
0.0000

■ 188.0010,  
-11.3395, 43.8491

■ 188.0010,  
-11.3395, 43.8491

■ 171.7640,  
-15.1667, 58.0890

■ 204.2380, -7.5123,  
29.6093

■ 155.5270,  
-18.9938, 72.3288

■ 220.4750, -3.6852,  
15.3694

■ 139.4040,  
-22.3842, 86.4687

■ 236.5980, -0.2948,  
1.2296

■ 122.5800,  
-25.9219, 101.2233

■ 249.9170, 2.5059,  
-10.4512

■ 106.3430,  
-29.7491, 115.4632

■ 90.1060, -33.5763,  
129.7030

■ 75.2710, -37.1086,  
142.7133

# Harmonies

## Analogous

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



188.8830, 1.0437, 38.6906



188.0010, -11.3395, 43.8491



186.4380, -20.9219, 37.3269

# Triad

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



188.0010, -11.3395, 43.8491



178.0560, -11.8596, -22.8511



181.2020, 27.0154, -31.7492

# Complementary

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



188.0010, -11.3395, 43.8491



214.9990, 11.3395, -43.8491

# 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.



175.3150, 25.4807, -52.8963



188.0010, -11.3395, 43.8491



174.2950, 2.3196, -44.1087

# Square

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



188.0010, -11.3395, 43.8491



181.5660, -21.9710, 0.3806



172.1760, 16.1822, -57.1594



186.6400, 22.8555, -4.0693



# Rectangle

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



188.0010, -11.3395, 43.8491



185.3460, -24.8206, 27.7606



172.1760, 16.1822, -57.1594



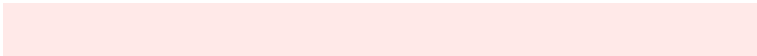
179.2610, 27.4793, -40.5709

# Sweetspot

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



188.0010, -11.3395, 43.8491



239.4640, -3.6798, 13.6251



195.0350, 20.6887, 37.6803



118.0720, -2.5005, 8.7069



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.



188.0010, -11.3395, 43.8491



190.2800, -14.4350, 56.7594



209.1330, -21.7576, 25.3164



111.5880, -1.7689, 7.3773



57.9510, -28.5698, 110.5450



17.9180, -8.8336, 33.3979

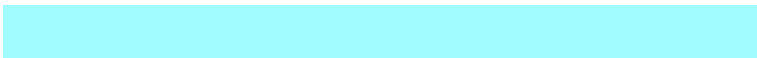


# Inverse Universe

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



214.9990, 11.3395, -43.8491



225.1330, 14.7244, -56.2446



193.8670, 21.7576, -25.3164



116.4120, 1.7689, -7.3773



126.0490, 28.5698, -110.5450

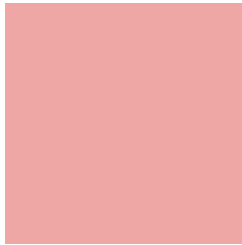


38.6690, 8.5442, -33.9127



# Previews

## White Background



This preview shows how the YUV color 188.0010, -11.3395, 43.8491 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

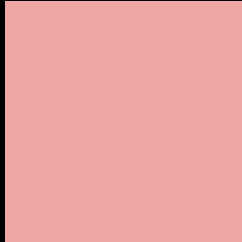
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.0010, -11.3395, 43.8491 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

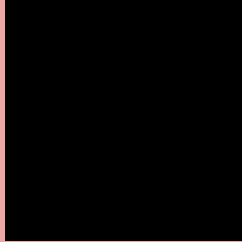
Any Text WCAG AA ✓ Pass

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 188.0010, -11.3395, 43.8491 Background



This preview shows how black text looks on a background with the YUV color 188.0010, -11.3395, 43.8491.



This preview shows how white text looks on a background with the YUV color 188.0010, -11.3395, 43.8491.



# 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

188.0010, -11.3395, 43.8491

### Protanopia

185.5400, -5.6892, 4.7884

### Deuteranopia

186.7440, -11.7058, 21.2725



## Tritanopia

188.6080, -5.2297, 44.1938

# Trichromacy



## Original Color

188.0010, -11.3395, 43.8491

## Protanomaly

186.1720, -7.4798, 19.1432

## Deuteranomaly

187.5000, -11.5855, 29.3795

## Tritanomaly

188.6250, -7.7031, 44.1789

# Monochromacy



## Original Color

188.0010, -11.3395, 43.8491

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.7740, -3.8326, 15.9842

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.0010, -11.3395, 43.8491 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, 167, 165)` looks like.

```
.text, #text, p{  
    color:rgb(238, 167, 165)  
}
```

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, 167, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 167, 165) }
```

## Border

The CSS property to change the border of an element to YUV 188.0010, -11.3395, 43.8491 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, 167, 165) }
```



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

```
.border{ border-color:rgb(238, 167, 165) }
```

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

Here you see how a box with a 4 pixel rgb(238, 167, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 167, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 167, 165);  
box-shadow:4px 4px 4px 4px rgb(238, 167,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 188.0010, -11.3395, 43.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 167, 165) }
```

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

```
.background{ background-color: rgb(238,  
167, 165) }
```

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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