

Converting Colors

YUV(166.8940, -15.7237,
50.0820)

Have a look what the booklet for
YUV(166.8940, -15.7237, 50.0820)
contains.

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Color

**YUV(166.8940, -15.7237,
50.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	E09087
RGB	224, 144, 135
RGB Percent	88%, 56%, 53%
CMY	0.1216, 0.4353, 0.4706
CMYK	0.00, 0.36, 0.40, 0.12
HSL	6°, 59%, 70%
HSV	6°, 40%, 88%
XYZ	45.0869, 37.5431, 27.7919
YIQ	166.8940, 50.5690, 14.1610

Conversions

Conversions Part 2

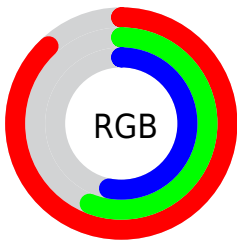
Format	Color
R _Y B	224, 145, 135
Decimal	14717063
CIE Lab	67.68, 29.25, 17.41
CIE LCh	68, 34.039, 30.768
Yxy	37.5431, 0.4083, 0.3400
Android (android.graphics.Color)	4292907143 (0xFFE09087)
YUV	166.8940, -15.7237, 50.0820
Hunter-Lab	61.2724, 24.1213, 15.9980

Details

The YUV color **166.8940, -15.7237, 50.0820** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **192.1060, 15.7237, -50.0820**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9030, -12.7702, 36.0421**, and **113.9150, -14.2551, 45.6785** is the 20% darker color. If you saturate the color by 10%, you get **152.6460, -19.5455, 62.5775**, and if you desaturate by 10%, it is **181.1420, -11.9020, 37.5865**.

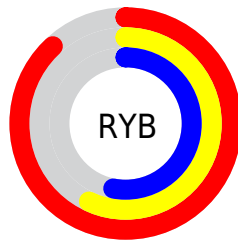
Distribution



Red (88%)

Green (56%)

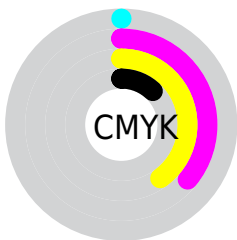
Blue (53%)



Red (88%)

Yellow (57%)

Blue (53%)

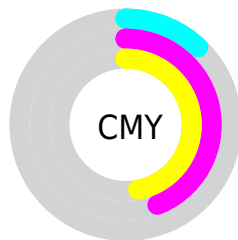


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8940, -15.7237, 50.0820 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 166.8940, -15.7237, 50.0820 by changing the saturation by 10% instead.

166.8940,
-15.7237, 50.0820

166.8940,
-15.7237, 50.0820

255.0000, 0.0000,
0.0000

140.1110,
-14.8447, 48.1377

213.9030,
-12.7702, 36.0421

113.9150,
-14.2551, 45.6785

234.1180, -8.9322,
18.3135

88.2460, -12.9393,
43.6343

253.7460, -4.8048,
1.0998

63.5770, -11.6235,
41.5900

39.1360, -9.4340,
39.3457

17.3420, -8.5496,
35.6571

9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 166.8940,
-15.7237, 50.0820

■ 166.8940,
-15.7237, 50.0820

■ 152.6460,
-19.5455, 62.5775

■ 181.1420,
-11.9020, 37.5865

■ 138.2840,
-23.8040, 75.1729

■ 195.5040, -7.6435,
24.9910

■ 124.0360,
-27.6257, 87.6684

■ 209.7520, -3.8217,
12.4955

■ 109.0870,
-31.5949, 100.7787

■ 224.7010, 0.1474,
-0.6148

■ 94.8390, -35.4166,
113.2742

■ 238.9490, 3.9691,
-13.1103

■ 80.5910, -39.2384,
125.7697

■ 245.7310, 4.5696,
-19.0581

■ 80.4770, -39.6752,
125.8697

Harmonies

Analogous

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



168.2540, -1.6042, 48.0122



166.8940, -15.7237, 50.0820



165.3690, -26.3109, 39.1414

Triad

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



166.8940, -15.7237, 50.0820



155.0330, -10.3693, -34.2319



161.1570, 31.9676, -33.4637

Complementary

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



166.8940, -15.7237, 50.0820



192.1060, 15.7237, -50.0820

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.



150.2900, 33.3810, -66.9063



166.8940, -15.7237, 50.0820



148.3790, 8.1942, -61.7224

Square

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



166.8940, -15.7237, 50.0820



159.3650, -23.8439, -5.5821



143.7260, 25.2781, -81.3207



167.8410, 24.7284, 1.8934

Rectangle

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



166.8940, -15.7237, 50.0820



163.7820, -29.4725, 26.5012



143.7260, 25.2781, -81.3207



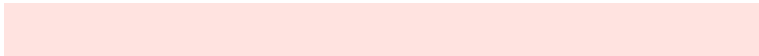
158.0200, 33.0211, -44.7445

Sweetspot

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



166.8940, -15.7237, 50.0820



235.0300, -5.4378, 17.5137



170.7310, 21.8246, 46.7169



115.9690, -2.9427, 10.5512



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.



166.8940, -15.7237, 50.0820



176.5220, -21.4563, 68.8252



192.7220, -28.4569, 27.4308



104.8760, -1.9109, 6.2477



63.1900, -31.1527, 98.9344



17.2870, -8.5225, 26.9353

Inverse Universe

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



192.1060, 15.7237, -50.0820



211.4780, 21.4563, -68.8252



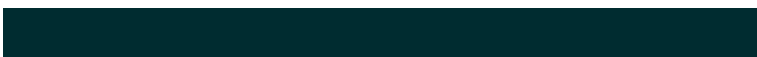
166.2780, 28.4569, -27.4308



108.1240, 1.9109, -6.2477



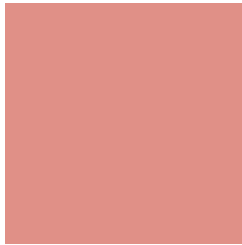
112.8100, 31.1527, -98.9344



31.3000, 8.2331, -27.4501

Previews

White Background



This preview shows how the YUV color 166.8940, -15.7237, 50.0820 looks on a white background.

Color Contrast Check

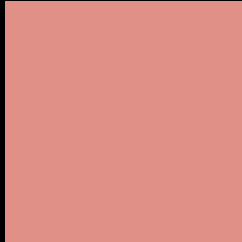
Large Text (above 18pt) WCAG AA × Fail

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 166.8940, -15.7237, 50.0820 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 166.8940, -15.7237, 50.0820

Background



This preview shows how black text looks on a background with the YUV color 166.8940, -15.7237, 50.0820.



This preview shows how white text looks on a background with the YUV color 166.8940, -15.7237, 50.0820.

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

166.8940, -15.7237, 50.0820

Protanopia

165.1120, -9.9152, 6.9178

Deuteranopia

166.0880, -16.8054, 23.6018



Tritanopia

167.6690, -7.7248, 51.1563

Trichromacy



Original Color

166.8940, -15.7237, 50.0820

Protanomaly

165.6410, -12.1480, 23.1168

Deuteranomaly

166.5560, -16.5431, 32.8384

Tritanomaly

167.2730, -10.4876, 50.6266

Monochromacy



Original Color

166.8940, -15.7237, 50.0820

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8940, -15.7237, 50.0820 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(224, 144, 135)` looks like.

```
.text, #text, p{  
    color:rgb(224, 144, 135)  
}
```

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(224, 144, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 144, 135) }
```

Border

The CSS property to change the border of an element to YUV 166.8940, -15.7237, 50.0820 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(224, 144, 135) }
```


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

```
.border{ border-color:rgb(224, 144, 135) }
```

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

Here you see how a box with a 4 pixel rgb(224, 144, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 144, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 144, 135);  
box-shadow:4px 4px 4px 4px rgb(224, 144,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 166.8940, -15.7237, 50.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 144, 135) }
```

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

```
.background{ background-color: rgb(224,  
144, 135) }
```

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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