

Converting Colors

YUV(187.0780, -14.8285,
42.9046)

Have a look what the booklet for
YUV(187.0780, -14.8285, 42.9046)
contains.

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Color

**YUV(187.0780, -14.8285,
42.9046)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA89D
RGB	236, 168, 157
RGB Percent	93%, 66%, 62%
CMY	0.0745, 0.3412, 0.3843
CMYK	0.00, 0.29, 0.33, 0.07
HSL	8°, 68%, 77%
HSV	8°, 33%, 93%
XYZ	54.6805, 48.2725, 38.3338
YIQ	187.0780, 44.0590, 10.9950

Conversions

Conversions Part 2

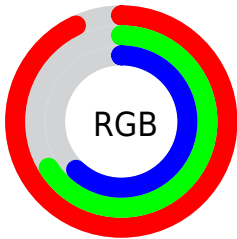
Format	Color
R_{YB}	236, 170, 157
Decimal	15509661
CIE _{Lab}	75.00, 23.62, 15.67
CIE _{LCh}	75, 28.346, 33.555
Yxy	48.2725, 0.3870, 0.3417
Android (android.graphics.Color)	4293699741 (0xFFECA89D)
YUV	187.0780, -14.8285, 42.9046
Hunter-Lab	69.4784, 18.8950, 15.9223

Details

The YUV color **187.0780, -14.8285, 42.9046** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **205.9220, 14.8285, -42.9046**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9010, -9.8112, 20.2578**, and **132.8110, -13.2178, 39.6308** is the 20% darker color. If you saturate the color by 10%, you get **172.6020, -19.5238, 55.6000**, and if you desaturate by 10%, it is **201.5540, -10.1331, 30.2091**.

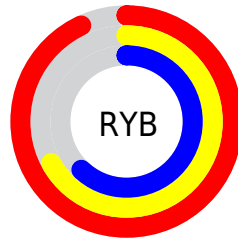
Distribution



Red (93%)

Green (66%)

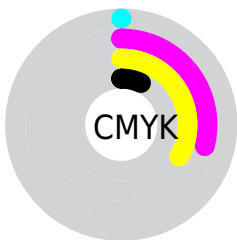
Blue (62%)



Red (93%)

Yellow (67%)

Blue (62%)

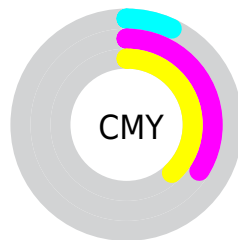


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (7%)



Cyan (7%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0780, -14.8285, 42.9046 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 187.0780, -14.8285, 42.9046 by changing the saturation by 10% instead.

187.0780,
-14.8285, 42.9046

187.0780,
-14.8285, 42.9046

255.0000, 0.0000,
0.0000

159.5940,
-14.0968, 41.5751

231.9010, -9.8112,
20.2578

132.8110,
-13.2178, 39.6308

251.5290, -5.6838,
3.0441

107.9140,
-12.7756, 37.7864

82.2450, -11.4598,
35.7421

58.4620, -10.5808,
33.7978

35.3800, -9.5543,
31.2387

14.0530, -6.9281,

28.8945

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 187.0780,
-14.8285, 42.9046

■ 187.0780,
-14.8285, 42.9046

■ 172.6020,
-19.5238, 55.6000

■ 201.5540,
-10.1331, 30.2091

■ 157.6530,
-23.4929, 68.7103

■ 216.5030, -6.1640,
17.0989

■ 143.1770,
-28.1883, 81.4058

■ 230.9790, -1.4686,
4.4034

■ 128.8150,
-32.4468, 94.0012

■ 245.3410, 2.7899,
-8.1921

■ 113.7520,
-36.8527, 107.2115

■ 249.3190, 2.8007,
-11.6808

■ 99.2760, -41.5481,
119.9069

■ 89.9350, -44.3380,
128.0990

Harmonies

Analogous

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



188.1670, -3.0403, 41.9495



187.0780, -14.8285, 42.9046



185.2480, -22.8003, 33.1085

Triad

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



187.0780, -14.8285, 42.9046



176.4510, -7.6173, -30.2135



182.7300, 26.2621, -23.4422

Complementary

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



187.0780, -14.8285, 42.9046



205.9220, 14.8285, -42.9046

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.



176.6900, 26.7748, -47.9631



187.0780, -14.8285, 42.9046



172.8150, 6.9932, -49.8268

Square

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



187.0780, -14.8285, 42.9046



180.2060, -19.3286, -7.1967



172.2020, 20.1134, -58.0592



187.5980, 19.9182, 4.7376

Rectangle

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



187.0780, -14.8285, 42.9046



183.9000, -25.0937, 22.0127



172.2020, 20.1134, -58.0592



180.9030, 27.1628, -32.3639

Sweetspot

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



187.0780, -14.8285, 42.9046



239.2360, -4.5533, 13.8250



188.3730, 18.0571, 41.7689



117.9580, -2.9373, 8.8068



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.



187.0780, -14.8285, 42.9046



191.7160, -19.0870, 55.5001



209.9710, -26.1147, 22.8274



109.8760, -1.9109, 6.2477



68.7940, -33.9154, 98.4047



20.2550, -9.9857, 29.5944

Inverse Universe

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



205.9220, 14.8285, -42.9046



216.2840, 19.0870, -55.5001



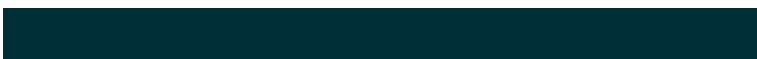
183.0290, 26.1147, -22.8274



113.1240, 1.9109, -6.2477



112.2060, 33.9154, -98.4047



33.1580, 10.2751, -29.0796

Previews

White Background



This preview shows how the YUV color 187.0780, -14.8285, 42.9046 looks on a white background.

Color Contrast Check

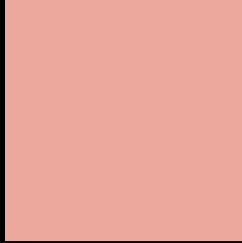
Large Text (above 18pt) WCAG AA × Fail

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 187.0780, -14.8285, 42.9046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

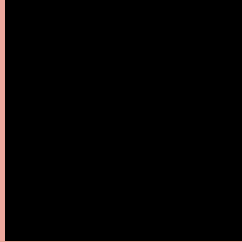
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0780, -14.8285, 42.9046

Background



This preview shows how black text looks on a background with the YUV color 187.0780, -14.8285, 42.9046.



This preview shows how white text looks on a background with the YUV color 187.0780, -14.8285, 42.9046.

42.9046.

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

187.0780, -14.8285, 42.9046

Protanopia

184.5250, -9.6258, 7.4326

Deuteranopia

185.8430, -15.2056, 23.8167



Tritanopia

188.3090, -5.0823, 43.5790

Trichromacy



Original Color

187.0780, -14.8285, 42.9046

Protanomaly

185.4450, -11.5584, 20.6577

Deuteranomaly

186.0010, -14.7905, 30.6941

Tritanomaly

187.6850, -8.7187, 43.2493

Monochromacy



Original Color

187.0780, -14.8285, 42.9046

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0190, -5.4324, 15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0780, -14.8285, 42.9046 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, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(236, 168, 157)  
}
```

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, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 168, 157) }
```

Border

The CSS property to change the border of an element to YUV 187.0780, -14.8285, 42.9046 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, 168, 157) }
```


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

```
.border{ border-color:rgb(236, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 168,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 187.0780, -14.8285, 42.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 168, 157) }
```

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

```
.background{ background-color: rgb(236,  
168, 157) }
```

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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