

Converting Colors

YUV(199.7200, -35.3580,
47.6036)

Have a look what the booklet for
YUV(199.7200, -35.3580, 47.6036)
contains.

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Color

**YUV(199.7200, -35.3580,
47.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBA80
RGB	254, 186, 128
RGB Percent	100%, 73%, 50%
CMY	0.0039, 0.2706, 0.4980
CMYK	0.00, 0.27, 0.50, 0.00
HSL	28°, 98%, 75%
HSV	28°, 50%, 100%
XYZ	62.3282, 57.7472, 28.2833
YIQ	199.7200, 59.1460, -3.6220

Conversions

Conversions Part 2

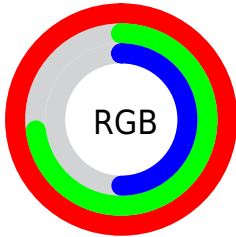
Format	Color
RYB	254, 235, 128
Decimal	16693888
CIELab	80.60, 18.02, 38.94
CIELCh	81, 42.907, 65.160
Yxy	57.7472, 0.4201, 0.3892
Android (android.graphics.Color)	4294883968 (0xFFFEBA80)
YUV	199.7200, -35.3580, 47.6036
Hunter-Lab	75.9915, 13.4204, 31.1269

Details

The YUV color $199.7200, -35.3580, 47.6036$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $182.2800, 35.3580, -47.6036$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.0470, -28.1242, 13.9908$, and $145.2680, -33.1631, 43.6150$ is the 20% darker color. If you saturate the color by 10%, you get $188.6520, -42.2264, 57.3102$, and if you desaturate by 10%, it is $210.7880, -28.4895, 37.8969$.

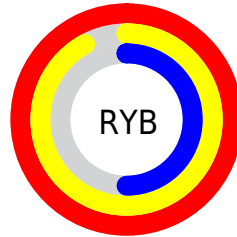
Distribution



Red (100%)

Green (73%)

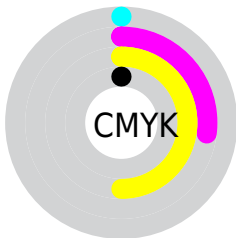
Blue (50%)



Red (100%)

Yellow (92%)

Blue (50%)

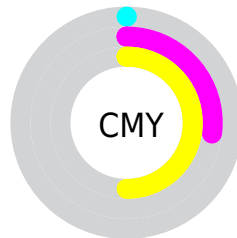


Cyan (0%)

Magenta (27%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7200, -35.3580, 47.6036 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 199.7200, -35.3580, 47.6036 by changing the saturation by 10% instead.

199.7200,
-35.3580, 47.6036

199.7200,
-35.3580, 47.6036

255.0000, 0.0000,
0.0000

171.9370,
-34.4789, 45.6593

239.0470,
-28.1242, 13.9908

145.2680,
-33.1631, 43.6150

249.7560,
-20.0927, 4.5990

118.5990,
-31.8473, 41.5707

253.0620, -7.4256,
1.6996

93.1040, -31.1103,
38.4968

68.3810, -31.2468,
35.6229

46.5360, -22.9422,
31.9789

26.7230, -13.1744,

25.6759

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 199.7200,
-35.3580, 47.6036

■ 199.7200,
-35.3580, 47.6036

■ 188.6520,
-42.2264, 57.3102

■ 210.7880,
-28.4895, 37.8969

■ 178.0570,
-49.8211, 66.6020

■ 221.3830,
-20.8948, 28.6051

■ 166.9890,
-56.6896, 76.3086

■ 232.4510,
-14.0263, 18.8985

■ 155.8070,
-63.9949, 86.1153

■ 243.6330, -6.7211,
9.0919

■ 144.7390,
-70.8633, 95.8219

254.7010, 0.1474,
-0.6148

■ 144.6250,
-71.3001, 95.9219

Harmonies

Analogous

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



196.1670, -19.8023, 51.5965



199.7200, -35.3580, 47.6036



196.7460, -38.3288, 20.3938

Triad

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



199.7200, -35.3580, 47.6036



174.7280, 15.4171, -91.8465



202.8250, 25.7223, 9.8005

Complementary

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



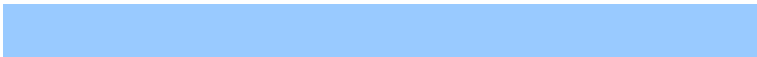
199.7200, -35.3580, 47.6036



182.2800, 35.3580, -47.6036

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.



193.3910, 30.3732, -35.4229



199.7200, -35.3580, 47.6036



160.3590, 41.7280, -130.9878

Square

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



199.7200, -35.3580, 47.6036



185.6350, -10.1731, -50.5459



178.0210, 37.9506, -85.9644



205.0590, 14.2679, 43.7983

Rectangle

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



199.7200, -35.3580, 47.6036



193.8680, -33.4589, -1.6382



178.0210, 37.9506, -85.9644



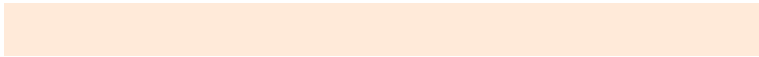
200.0790, 27.0761, -4.4543

Sweetspot

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



199.7200, -35.3580, 47.6036



238.3410, -10.5211, 14.6099



173.5400, 11.5658, 70.5634



117.7470, -6.2843, 8.9919



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.



199.7200, -35.3580, 47.6036



188.8370, -42.8106, 58.0250



236.1140, -53.3002, 15.6860



122.4090, -3.6526, 4.9033



108.7650, -53.6211, 72.1201



36.1590, -17.8264, 24.4166

Inverse Universe

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



182.2800, 35.3580, -47.6036



168.1630, 42.8106, -58.0250



145.8860, 53.3002, -15.6860



120.5910, 3.6526, -4.9033



82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 199.7200, -35.3580, 47.6036 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 199.7200, -35.3580, 47.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

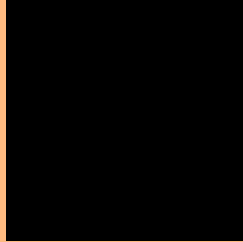
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.7200, -35.3580, 47.6036

Background



This preview shows how black text looks on a background with the YUV color 199.7200, -35.3580, 47.6036.



This preview shows how white text looks on a background with the YUV color 199.7200, -35.3580,

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

199.7200, -35.3580, 47.6036

Protanopia

197.5590, -31.3346, 17.0498

Deuteranopia

198.9530, -35.4728, 37.7522



Tritanopia

203.7930, -5.8139, 44.9085

Trichromacy



Original Color

199.7200, -35.3580, 47.6036

Protanomaly

198.2830, -32.6775, 27.8158

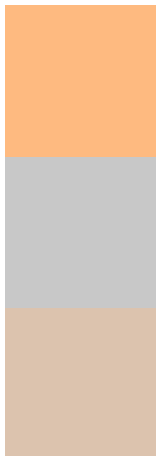
Deuteranomaly

198.9750, -35.4837, 41.2409

Tritanomaly

202.3450, -16.4391, 46.1784

Monochromacy



Original Color

199.7200, -35.3580, 47.6036

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0810, -12.8579, 17.4690

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7200, -35.3580, 47.6036 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(254, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 128)  
}
```

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(254, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 128) }
```

Border

The CSS property to change the border of an element to YUV 199.7200, -35.3580, 47.6036 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(254, 186, 128) }
```


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

```
.border{ border-color:rgb(254, 186, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 199.7200, -35.3580, 47.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 128) }
```

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

```
.background{ background-color: rgb(254,  
186, 128) }
```

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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