

Converting Colors

YUV(206.5670, -16.5485,
34.5827)

Have a look what the booklet for
YUV(206.5670, -16.5485, 34.5827)
contains.

YUV(206.5670, -16.5485, 34.5827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.5670, -16.5485,
34.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C1AD
RGB	246, 193, 173
RGB Percent	96%, 76%, 68%
CMY	0.0353, 0.2431, 0.3216
CMYK	0.00, 0.22, 0.30, 0.04
HSL	16°, 80%, 82%
HSV	16°, 30%, 96%
XYZ	64.6188, 60.7499, 47.8553
YIQ	206.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

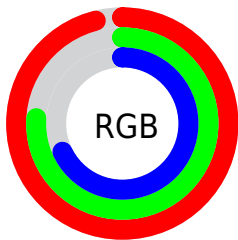
Format	Color
R_{YB}	246, 201, 173
Decimal	16171437
CIE _{Lab}	82.24, 16.19, 17.32
CIE _{LCh}	82, 23.710, 46.944
Yxy	60.7499, 0.3730, 0.3507
Android (android.graphics.Color)	4294361517 (0xFFFF6C1AD)
YUV	206.5670, -16.5485, 34.5827
Hunter-Lab	77.9422, 11.5885, 18.1564

Details

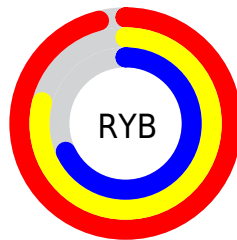
The YUV color $206.5670, -16.5485, 34.5827$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $212.4330, 16.5485, -34.5827$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.9870, -10.3466, 5.2734$, and $151.8980, -15.2327, 32.5385$ is the 20% darker color. If you saturate the color by 10%, you get $193.1510, -22.2594, 46.3486$, and if you desaturate by 10%, it is $219.9830, -10.8376, 22.8169$.

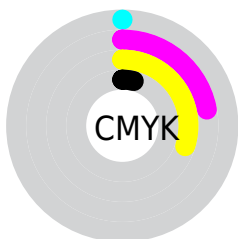
Distribution



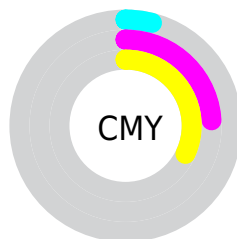
- Red (96%)
- Green (76%)
- Blue (68%)



- Red (96%)
- Yellow (79%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.5670, -16.5485, 34.5827 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 206.5670, -16.5485, 34.5827 by changing the saturation by 10% instead.

206.5670,
-16.5485, 34.5827

206.5670,
-16.5485, 34.5827

255.0000, 0.0000,
0.0000

178.9690,
-16.2537, 33.3532

248.9870,
-10.3466, 5.2734

151.8980,
-15.2327, 32.5385

126.0010,
-14.7905, 30.6941

100.5170,
-14.0589, 29.3646

75.7340, -13.1799,
27.4203

52.6520, -12.1534,
24.8612

30.2990, -13.4584,

23.4168

■ 10.4650, -5.1592,
21.5172

■ 0.0000, 0.0000,
0.0000

■ 206.5670,
-16.5485, 34.5827

■ 206.5670,
-16.5485, 34.5827

■ 193.1510,
-22.2594, 46.3486

■ 219.9830,
-10.8376, 22.8169

■ 179.8490,
-27.5336, 58.0144

■ 233.2850, -5.5635,
11.1511

■ 166.4330,
-33.2445, 69.7803

■ 246.7010, 0.1474,
-0.6148

■ 153.7180,
-38.8080, 80.9313

■ 252.3090, 1.3267,
-5.5330

■ 140.3020,
-44.5189, 92.6971

■ 126.8860,
-50.2298, 104.4630

■ 113.5840,
-55.5039, 116.1288

■ 112.8830,
-55.6513, 116.7436

Harmonies

Analogous

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



207.9940, -7.3920, 37.7163



206.5670, -16.5485, 34.5827



204.9370, -21.1679, 22.8573

Triad

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



206.5670, -16.5485, 34.5827



197.0360, -1.4967, -33.3576



205.3360, 20.5404, -8.1877

Complementary

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



206.5670, -16.5485, 34.5827



212.4330, 16.5485, -34.5827

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.



201.0620, 22.6474, -30.7494



206.5670, -16.5485, 34.5827



195.1730, 10.7607, -44.8787

Square

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



206.5670, -16.5485, 34.5827



199.5840, -12.6129, -14.5442



196.7630, 19.3438, -44.5192



208.2310, 13.1971, 13.8294

Rectangle

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



206.5670, -16.5485, 34.5827



203.1590, -21.2774, 11.2616



196.7630, 19.3438, -44.5192



204.2210, 21.5830, -15.9798

Sweetspot

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



206.5670, -16.5485, 34.5827



242.3990, -5.1267, 11.0511



200.9830, 12.8264, 39.4799



119.8330, -3.3687, 7.1625



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.



206.5670, -16.5485, 34.5827



205.1830, -20.7962, 43.6895



227.6990, -26.9666, 16.0500



115.9360, -2.9264, 5.3181



85.5510, -42.1766, 88.0938



27.0330, -13.3273, 28.0351

Inverse Universe

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



212.4330, 16.5485, -34.5827



212.8170, 20.7962, -43.6895



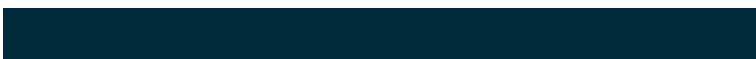
191.3010, 26.9666, -16.0500



116.6510, 2.6371, -5.8329



100.4490, 42.1766, -88.0938



31.9670, 13.3273, -28.0351

Previews

White Background



This preview shows how the YUV color 206.5670, -16.5485, 34.5827 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 206.5670, -16.5485, 34.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

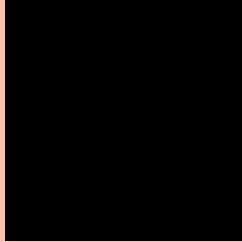
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.5670, -16.5485, 34.5827

Background



This preview shows how black text looks on a background with the YUV color 206.5670, -16.5485, 34.5827.



This preview shows how white text looks on a background with the YUV color 206.5670, -16.5485,

34.5827.

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

206.5670, -16.5485, 34.5827

Protanopia

204.4390, -12.5414, 9.2620

Deuteranopia

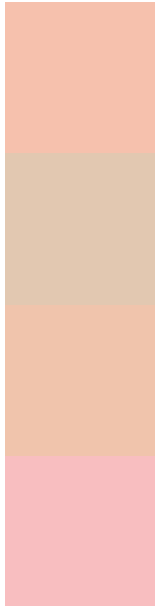
205.8110, -16.6688, 26.4758



Tritanopia

208.5360, -2.7292, 35.4869

Trichromacy



Original Color

206.5670, -16.5485, 34.5827

Protanomaly

205.1520, -13.8789, 18.2837

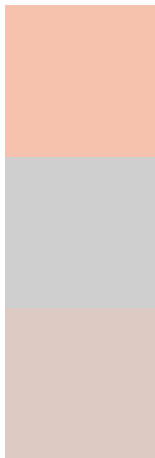
Deuteranomaly

206.4200, -16.9691, 29.4497

Tritanomaly

207.5700, -7.6760, 35.4571

Monochromacy



Original Color

206.5670, -16.5485, 34.5827

Achromatopsia

207.0000, 0.0000, 0.0000

Achromatomaly

206.8830, -5.8583, 12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.5670, -16.5485, 34.5827 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(246, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 173)  
}
```

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(246, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 173) }
```

Border

The CSS property to change the border of an element to YUV 206.5670, -16.5485, 34.5827 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(246, 193, 173) }
```


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

```
.border{ border-color:rgb(246, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 206.5670, -16.5485, 34.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 173) }
```

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

```
.background{ background-color: rgb(246,  
193, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor