

Converting Colors

YUV(205.4760, -1.7137,
36.4165)

Have a look what the booklet for
YUV(205.4760, -1.7137, 36.4165)
contains.

YUV(205.4760, -1.7137, 36.4165)	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(205.4760, -1.7137,
36.4165)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B9CA
RGB	247, 185, 202
RGB Percent	97%, 73%, 79%
CMY	0.0314, 0.2745, 0.2078
CMYK	0.00, 0.25, 0.18, 0.03
HSL	344°, 79%, 85%
HSV	344°, 25%, 97%
XYZ	66.3674, 58.7363, 63.7164
YIQ	205.4760, 31.4950, 18.4310

Conversions

Conversions Part 2

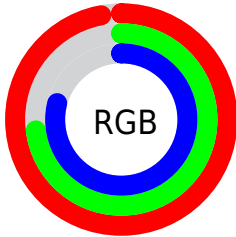
Format	Color
R _Y B	247, 185, 202
Decimal	16234954
CIE Lab	81.15, 24.85, 0.21
CIE LCh	81, 24.850, 0.479
Yxy	58.7363, 0.3515, 0.3111
Android (android.graphics.Color)	4294425034 (0xFF7B9CA)
YUV	205.4760, -1.7137, 36.4165
Hunter-Lab	76.6396, 20.4557, 4.3554

Details

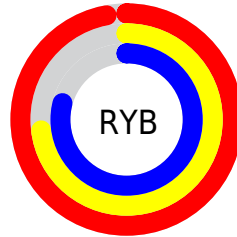
The YUV color $205.4760, -1.7137, 36.4165$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $226.5240, 1.7137, -36.4165$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 4.0515, 7.2072$, and $150.5790, -1.2714, 34.5722$ is the 20% darker color. If you saturate the color by 10%, you get $188.7490, -2.3413, 51.0861$, and if you desaturate by 10%, it is $222.2030, -1.0861, 21.7470$.

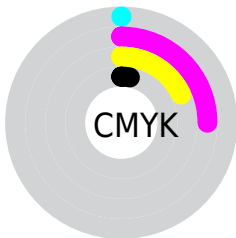
Distribution



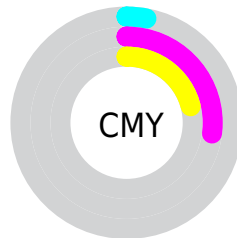
- Red (97%)
- Green (73%)
- Blue (79%)



- Red (97%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.4760, -1.7137, 36.4165 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 205.4760, -1.7137, 36.4165 by changing the saturation by 10% instead.

 205.4760, -1.7137,
36.4165

 205.4760, -1.7137,
36.4165


255.0000, 0.0000,
0.0000


 177.8780, -1.4189,
35.1870


 246.7820, 4.0515,
7.2072

 150.5790, -1.2714,
34.5722

 124.5680, -1.2660,
32.8279

 98.9700, -0.9712,
31.5983

 74.4860, -0.2396,
30.2688

 51.4750, -0.2342,
28.5244

 28.1050, 0.9342,

27.0949

■ 12.5300, -3.7123,
24.0912

■ 0.0000, 0.0000,
0.0000

■ 205.4760, -1.7137,
36.4165

■ 205.4760, -1.7137,
36.4165

■ 188.7490, -2.3413,
51.0861

■ 222.2030, -1.0861,
21.7470

■ 172.6090, -3.2582,
65.2409

■ 238.3430, -0.1691,
7.5922

■ 155.8820, -3.8858,
79.9105

■ 252.6080, 1.1793,
-4.9182

■ 139.1550, -4.5134,
94.5801

■ 122.4280, -5.1410,
109.2496

■ 106.2880, -6.0580,
123.4044

■ 89.6750, -6.2488,
137.9740

■ 81.6050, -6.7073,
145.0514

Harmonies

Analogous

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



205.3740, 9.6756, 23.3510



205.4760, -1.7137, 36.4165



204.6260, -12.6336, 38.9160

Triad

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



205.4760, -1.7137, 36.4165



197.5700, -18.0290, -4.0079



194.6970, 22.8274, -41.8303

Complementary

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



205.4760, -1.7137, 36.4165



226.5240, 1.7137, -36.4165

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.



191.8180, 15.8657, -48.9524



205.4760, -1.7137, 36.4165



194.6690, -8.2178, -24.2657

Square

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



205.4760, -1.7137, 36.4165



200.5510, -22.4566, 16.1798



192.4740, 4.2033, -41.6347



199.7580, 23.7833, -21.7128

Rectangle

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



205.4760, -1.7137, 36.4165



203.2250, -17.8589, 34.8827



192.4740, 4.2033, -41.6347



193.6210, 21.3858, -46.1486

Sweetspot

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



205.4760, -1.7137, 36.4165



241.5500, -0.7642, 11.7956



205.2240, 20.5956, 20.8516



119.2290, -0.6059, 7.6922



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.



205.4760, -1.7137, 36.4165



204.0040, -2.4670, 44.7235



211.1690, -12.9013, 31.4238



114.0440, -0.0217, 6.9774



61.4280, -5.1410, 109.2496



19.4650, -1.7082, 34.6722

Inverse Universe

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



205.4760, -1.7137, 36.4165



204.0040, -2.4670, 44.7235



220.8310, 12.9013, -31.4238



114.0440, -0.0217, 6.9774



61.4280, -5.1410, 109.2496



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 205.4760, -1.7137, 36.4165 looks on a white background.

Color Contrast Check

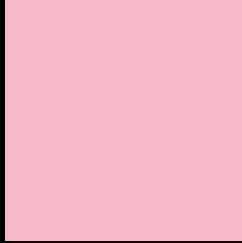
Large Text (above 18pt) WCAG AA × Fail

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 205.4760, -1.7137, 36.4165 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 205.4760, -1.7137, 36.4165

Background



This preview shows how black text looks on a background with the YUV color 205.4760, -1.7137, 36.4165.



This preview shows how white text looks on a background with the YUV color 205.4760, -1.7137,

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

205.4760, -1.7137, 36.4165

Protanopia

202.7380, 4.0732, 0.2298

Deuteranopia

203.6430, -1.7960, 16.0991



Tritanopia

205.2480, -2.5873, 36.6165

Trichromacy



Original Color

205.4760, -1.7137, 36.4165

Protanomaly

203.6580, 2.1406, 13.4549

Deuteranomaly

204.1000, -1.5283, 23.5913

Tritanomaly

205.3620, -2.1505, 36.5165

Monochromacy



Original Color

205.4760, -1.7137, 36.4165

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.2620, -0.6222, 12.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.4760, -1.7137, 36.4165 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(247, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(247, 185, 202)  
}
```

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(247, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 185, 202) }
```

Border

The CSS property to change the border of an element to YUV 205.4760, -1.7137, 36.4165 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(247, 185, 202) }
```


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

```
.border{ border-color:rgb(247, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(247, 185,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 205.4760, -1.7137, 36.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 185, 202) }
```

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

```
.background{ background-color: rgb(247,  
185, 202) }
```

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