

Converting Colors

YUV(200.8370, -9.2866,
38.7310)

Have a look what the booklet for
YUV(200.8370, -9.2866, 38.7310)
contains.

YUV(200.8370, -9.2866, 38.7310)	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(200.8370, -9.2866,
38.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B6B6
RGB	245, 182, 182
RGB Percent	96%, 71%, 71%
CMY	0.0392, 0.2863, 0.2863
CMYK	0.00, 0.26, 0.26, 0.04
HSL	0°, 76%, 84%
HSV	0°, 26%, 96%
XYZ	62.8276, 56.2458, 51.8011
YIQ	200.8370, 37.5480, 13.3560

Conversions

Conversions Part 2

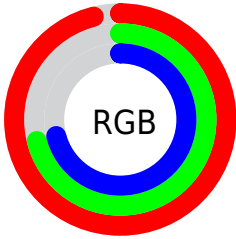
Format	Color
R _Y B	245, 182, 182
Decimal	16103094
CIE Lab	79.75, 22.82, 8.96
CIE LCh	80, 24.518, 21.437
Yxy	56.2458, 0.3677, 0.3292
Android (android.graphics.Color)	4294293174 (0xFFFF5B6B6)
YUV	200.8370, -9.2866, 38.7310
Hunter-Lab	74.9972, 18.2903, 11.5460

Details

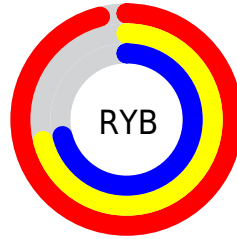
The YUV color $200.8370, -9.2866, 38.7310$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.1630, 9.2866, -38.7310$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.0830, -2.5059, 10.4512$, and $146.6410, -8.6970, 36.2718$ is the 20% darker color. If you saturate the color by 10%, you get $183.3120, -12.9718, 54.1004$, and if you desaturate by 10%, it is $217.6610, -5.7489, 23.9763$.

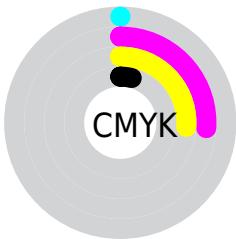
Distribution



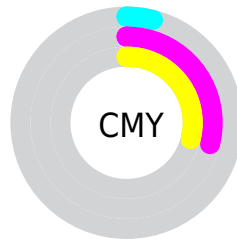
- Red (96%)
- Green (71%)
- Blue (71%)



- Red (96%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8370, -9.2866, 38.7310 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 200.8370, -9.2866, 38.7310 by changing the saturation by 10% instead.


 200.8370, -9.2866,
38.7310


 200.8370, -9.2866,
38.7310


255.0000, 0.0000,
0.0000


 173.2390, -8.9918,
37.5014


 243.0830, -2.5059,
10.4512

 146.6410, -8.6970,
36.2718

 120.1570, -7.9654,
34.9423

 95.2600, -7.5232,
33.0980

 70.4770, -6.6442,
31.1537

 47.6940, -5.7651,
29.2094

 24.3240, -4.5967,

27.7799

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 200.8370, -9.2866,
38.7310

■ 200.8370, -9.2866,
38.7310

■ 183.3120,
-12.9718, 54.1004

■ 217.6610, -5.7489,
23.9763

■ 166.4880,
-16.5096, 68.8550

■ 235.1860, -2.0637,
8.6069

■ 148.9630,
-20.1948, 84.2244

■ 252.0100, 1.4741,
-6.1478

■ 132.1390,
-23.7325, 98.9791

■ 114.6140,
-27.4177, 114.3485

■ 97.7900, -30.9555,
129.1032

■ 80.2650, -34.6406,
144.4726

■ 73.2550, -36.1147,
150.6204

Harmonies

Analogous

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



201.6650, 1.6442, 32.7428



200.8370, -9.2866, 38.7310



199.5130, -18.0009, 33.7531

Triad

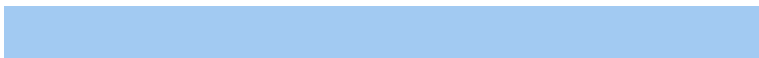
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200.8370, -9.2866, 38.7310



191.9040, -11.2917, -18.3328



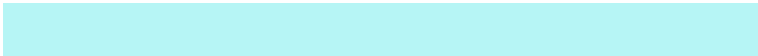
194.6000, 23.3682, -28.5902

Complementary

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



200.8370, -9.2866, 38.7310



226.1630, 9.2866, -38.7310

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.



190.2190, 21.0910, -44.9191



200.8370, -9.2866, 38.7310



189.1820, 0.4033, -36.1166

Square

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



200.8370, -9.2866, 38.7310



194.8590, -19.6505, 2.7547



188.3190, 12.6607, -47.6378



198.9450, 20.2401, -5.2138

Rectangle

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



200.8370, -9.2866, 38.7310



197.9590, -21.1788, 26.3460



188.3190, 12.6607, -47.6378



192.8550, 23.2425, -34.9528

Sweetspot

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



200.8370, -9.2866, 38.7310



240.9800, -2.9481, 12.2955



208.0190, 18.2316, 32.4323



118.8870, -1.9163, 7.9921



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.



200.8370, -9.2866, 38.7310



199.6210, -11.6452, 48.5674



219.6210, -18.5472, 22.2574



113.5880, -1.7689, 7.3773



55.6140, -27.4177, 114.3485



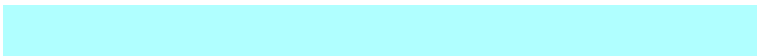
17.6410, -8.6970, 36.2718

Inverse Universe

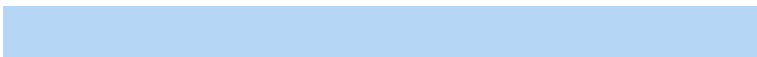
The Inverse Universe completely reimagines the original color for something new.



226.1630, 9.2866, -38.7310



231.3790, 11.6452, -48.5674



207.9660, 18.2578, -22.7722



118.4120, 1.7689, -7.3773



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718

Previews

White Background



This preview shows how the YUV color 200.8370, -9.2866, 38.7310 looks on a white background.

Color Contrast Check

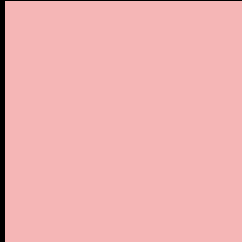
Large Text (above 18pt) WCAG AA × Fail

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 200.8370, -9.2866, 38.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

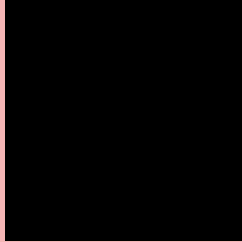
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.8370, -9.2866, 38.7310

Background



This preview shows how black text looks on a background with the YUV color 200.8370, -9.2866, 38.7310.



This preview shows how white text looks on a background with the YUV color 200.8370, -9.2866,

38.7310.

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

200.8370, -9.2866, 38.7310

Protanopia

197.9960, -3.9420, 4.3885

Deuteranopia

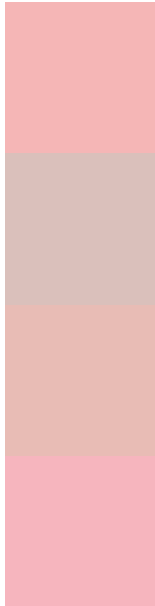
199.6130, -9.6692, 21.3874



Tritanopia

201.3300, -3.6137, 39.1756

Trichromacy



Original Color

200.8370, -9.2866, 38.7310

Protanomaly

199.2040, -6.0166, 16.4841

Deuteranomaly

200.3580, -9.5435, 27.7500

Tritanomaly

201.4610, -5.6503, 39.0607

Monochromacy



Original Color

200.8370, -9.2866, 38.7310

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8770, -3.3904, 14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8370, -9.2866, 38.7310 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(245, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 182)  
}
```

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(245, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 182) }
```

Border

The CSS property to change the border of an element to YUV 200.8370, -9.2866, 38.7310 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(245, 182, 182) }
```


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

```
.border{ border-color:rgb(245, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 200.8370, -9.2866, 38.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 182) }
```

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

```
.background{ background-color: rgb(245,  
182, 182) }
```

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