

Converting Colors

YUV(200.6830, -2.3087,
40.6200)

Have a look what the booklet for
YUV(200.6830, -2.3087, 40.6200)
contains.

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Color

**YUV(200.6830, -2.3087,
40.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B2C4
RGB	247, 178, 196
RGB Percent	97%, 70%, 77%
CMY	0.0314, 0.3020, 0.2314
CMYK	0.00, 0.28, 0.21, 0.03
HSL	344°, 81%, 83%
HSV	344°, 28%, 97%
XYZ	64.2420, 55.6005, 59.5706
YIQ	200.6830, 35.3460, 20.2260

Conversions

Conversions Part 2

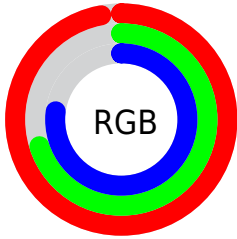
Format	Color
R _Y B	247, 178, 196
Decimal	16233156
CIE Lab	79.39, 27.65, 0.88
CIE LCh	79, 27.665, 1.827
Yxy	55.6005, 0.3581, 0.3099
Android (android.graphics.Color)	4294423236 (0xFF7B2C4)
YUV	200.6830, -2.3087, 40.6200
Hunter-Lab	74.5657, 23.2964, 4.8292

Details

The YUV color $200.6830, -2.3087, 40.6200$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $224.3170, 2.3087, -40.6200$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4450, 5.2036, 11.0107$, and $146.3730, -2.1559, 38.2609$ is the 20% darker color. If you saturate the color by 10%, you get $183.9560, -2.9363, 55.2896$, and if you desaturate by 10%, it is $217.4100, -1.6811, 25.9504$.

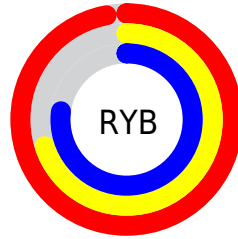
Distribution



Red (97%)

Green (70%)

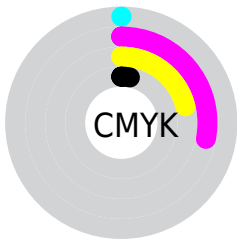
Blue (77%)



Red (97%)

Yellow (70%)

Blue (77%)

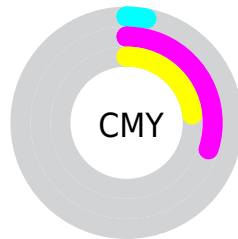


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (3%)



Cyan (3%)


Magenta (30%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6830, -2.3087, 40.6200 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 200.6830, -2.3087, 40.6200 by changing the saturation by 10% instead.

 200.6830, -2.3087,
40.6200


 200.6830, -2.3087,
40.6200


255.0000, 0.0000,
0.0000


 173.0850, -2.0139,
39.3905


 242.4450, 5.2036,
11.0107

 146.3730, -2.1559,
38.2609

 119.8890, -1.4243,
36.9313

 94.8780, -1.4189,
35.1870

 70.0950, -0.5398,
33.2427

 46.6110, 0.1918,
31.9132

 22.6540, 1.6496,

30.9984

■ 11.4760, -5.1647,
23.2615

■ 0.0000, 0.0000,
0.0000

■ 200.6830, -2.3087,
40.6200

■ 200.6830, -2.3087,
40.6200

■ 183.9560, -2.9363,
55.2896

■ 217.4100, -1.6811,
25.9504

■ 167.7020, -4.2901,
69.5443

■ 233.6640, -0.3274,
11.6957

■ 150.9750, -4.9177,
84.2139

■ 250.3910, 0.3002,
-2.9739

■ 134.2480, -5.5453,
98.8835

■ 252.6080, 1.1793,
-4.9182

■ 117.5210, -6.1729,
113.5531

■ 101.2670, -7.5266,
127.8078

■ 84.5400, -8.1542,
142.4774

■ 81.1490, -8.4545,
145.4513

Harmonies

Analogous

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



201.0970, 9.8122, 26.2249



200.6830, -2.3087, 40.6200



199.3060, -13.9549, 42.7046

Triad

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



200.6830, -2.3087, 40.6200



192.1030, -19.7708, -5.3523



188.7610, 25.7538, -47.1484

Complementary

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



200.6830, -2.3087, 40.6200



224.3170, 2.3087, -40.6200

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.



184.8710, 18.7976, -56.0149



200.6830, -2.3087, 40.6200



189.2340, -8.4964, -28.2692

Square

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



200.6830, -2.3087, 40.6200



194.9810, -24.6406, 16.6797



185.4840, 5.6774, -47.7825



194.4310, 26.4095, -24.0570

Rectangle

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



200.6830, -2.3087, 40.6200



197.9650, -20.1957, 37.7417



185.4840, 5.6774, -47.7825



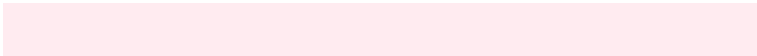
187.2720, 24.0229, -51.9815

Sweetspot

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



200.6830, -2.3087, 40.6200



241.5500, -0.7642, 11.7956



201.1150, 22.6213, 24.4551



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.



200.6830, -2.3087, 40.6200



196.6350, -2.7781, 51.1861



208.0230, -14.8013, 34.1828



113.9300, -0.4585, 7.0774



61.2000, -6.0146, 109.4496



19.3510, -2.1450, 34.7722

Inverse Universe

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



200.6830, -2.3087, 40.6200



196.6350, -2.7781, 51.1861



216.9770, 14.8013, -34.1828



113.9300, -0.4585, 7.0774



61.2000, -6.0146, 109.4496



19.3510, -2.1450, 34.7722

Previews

White Background



This preview shows how the YUV color 200.6830, -2.3087, 40.6200 looks on a white background.

Color Contrast Check

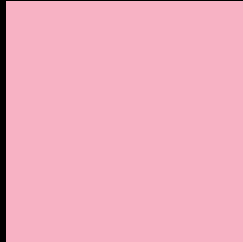
Large Text (above 18pt) WCAG AA × Fail

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 200.6830, -2.3087, 40.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

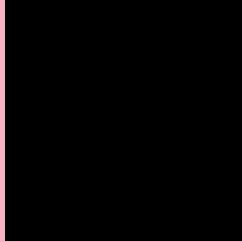
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.6830, -2.3087, 40.6200

Background



This preview shows how black text looks on a background with the YUV color 200.6830, -2.3087, 40.6200.



This preview shows how white text looks on a background with the YUV color 200.6830, -2.3087,

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

200.6830, -2.3087, 40.6200

Protanopia

197.7380, 4.0732, 0.2298

Deuteranopia

199.1160, -2.5222, 15.6843



Tritanopia

200.8140, -4.3453, 40.5051

Trichromacy



Original Color

200.6830, -2.3087, 40.6200

Protanomaly

198.5550, 1.6984, 15.2993

Deuteranomaly

199.5840, -2.2599, 24.9208

Tritanomaly

200.9280, -3.9085, 40.4051

Monochromacy



Original Color

200.6830, -2.3087, 40.6200

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6830, -2.3087, 40.6200 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, 178, 196)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 196)  
}
```

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, 178, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 196) }
```

Border

The CSS property to change the border of an element to YUV 200.6830, -2.3087, 40.6200 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, 178, 196) }
```


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

```
.border{ border-color:rgb(247, 178, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(247, 178,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 200.6830, -2.3087, 40.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 196) }
```

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

```
.background{ background-color: rgb(247,  
178, 196) }
```

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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