

Converting Colors

YUV(200.5230, 7.1372, 44.2683)

Have a look what the booklet for
YUV(200.5230, 7.1372, 44.2683)
contains.

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Color

**YUV(200.5230, 7.1372,
44.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	FBACD7
RGB	251, 172, 215
RGB Percent	98%, 67%, 84%
CMY	0.0157, 0.3255, 0.1569
CMYK	0.00, 0.31, 0.14, 0.02
HSL	327°, 91%, 83%
HSV	327°, 31%, 98%
XYZ	66.8019, 54.9206, 71.3699
YIQ	200.5230, 33.2810, 30.1210

Conversions

Conversions Part 2

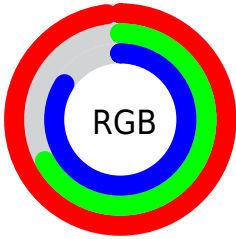
Format	Color
R _Y B	251, 172, 215
Decimal	16493783
CIE Lab	79.00, 35.09, -9.95
CIE LCh	79, 36.469, 344.171
Yxy	54.9206, 0.3460, 0.2844
Android (android.graphics.Color)	4294683863 (0xFFFBACD7)
YUV	200.5230, 7.1372, 44.2683
Hunter-Lab	74.1084, 31.2116, -5.2231

Details

The YUV color $200.5230, 7.1372, 44.2683$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $222.4770, -7.1372, -44.2683$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.1510, 7.8136, 13.8996$, and $145.8000, 7.0006, 41.3944$ is the 20% darker color. If you saturate the color by 10%, you get $184.5940, 9.5672, 58.2381$, and if you desaturate by 10%, it is $216.4520, 4.7072, 30.2986$.

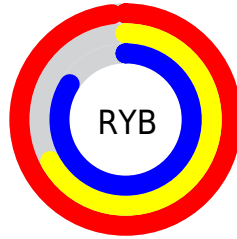
Distribution



Red (98%)

Green (67%)

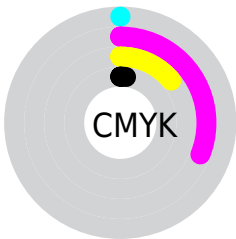
Blue (84%)



Red (98%)

Yellow (67%)

Blue (84%)

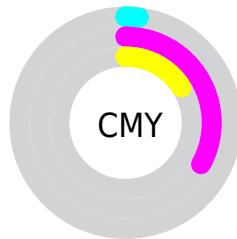


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.5230, 7.1372, 44.2683 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 200.5230, 7.1372, 44.2683 by changing the saturation by 10% instead.


 200.5230, 7.1372,
44.2683


 200.5230, 7.1372,
44.2683

255.0000, 0.0000,
0.0000


 172.8110, 6.9952,
43.1388

 239.1510, 7.8136,
13.8996

 145.8000, 7.0006,
41.3944

 119.2020, 7.2954,
40.1648

 93.6040, 7.5902,
38.9353

 68.8920, 7.4482,
37.8057

 43.2340, 8.7586,
37.5058

 22.6850, 8.0433,

33.6023

■ 14.1260, 2.4029,
22.6915

■ 0.0000, 0.0000,
0.0000

■ 200.5230, 7.1372,
44.2683

■ 200.5230, 7.1372,
44.2683

■ 184.5940, 9.5672,
58.2381

■ 216.4520, 4.7072,
30.2986

■ 168.5510, 11.5604,
72.3078

■ 232.4950, 2.7140,
16.2289

■ 152.6220, 13.9904,
86.2775

■ 248.4240, 0.2840,
2.2592

■ 136.5790, 15.9836,
100.3472

■ 253.8040, 0.5896,
-2.4591

■ 120.6500, 18.4136,
114.3170

■ 104.0200, 20.6961,
128.9015

■ 90.6670, 22.8422,
140.6120

Harmonies

Analogous

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



199.8430, 21.7694, 17.6777



200.5230, 7.1372, 44.2683



196.6690, -7.7248, 51.1563

Triad

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



200.5230, 7.1372, 44.2683



192.2160, -31.1655, 9.4576



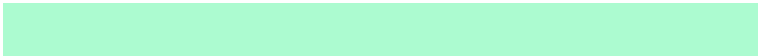
175.9630, 32.5562, -82.4056

Complementary

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



200.5230, 7.1372, 44.2683



222.4770, -7.1372, -44.2683

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.



175.6850, 17.4103, -77.7767



200.5230, 7.1372, 44.2683



188.0750, -20.7430, -20.2368

Square

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



200.5230, 7.1372, 44.2683



194.9680, -31.5362, 35.1081



182.1710, -3.0423, -51.0160



185.2960, 34.3641, -55.5106

Rectangle

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



200.5230, 7.1372, 44.2683



196.5090, -18.4919, 51.2966



182.1710, -3.0423, -51.0160



174.9150, 28.6359, -84.9945

Sweetspot

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



200.5230, 7.1372, 44.2683



240.3590, 2.2880, 12.8402



191.7700, 29.2004, 14.2337



118.3970, 1.2833, 8.4218



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.



200.5230, 7.1372, 44.2683



193.0450, 8.8518, 54.3345



196.0770, -9.8980, 48.1675



116.6850, 1.1413, 7.2923



68.2530, 17.1303, 105.8951



22.0010, 5.4225, 34.2021

Inverse Universe

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



200.5230, 7.1372, 44.2683



193.0450, 8.8518, 54.3345



226.9230, 9.8980, -48.1675



116.6850, 1.1413, 7.2923



68.2530, 17.1303, 105.8951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 200.5230, 7.1372, 44.2683 looks on a white background.

Color Contrast Check

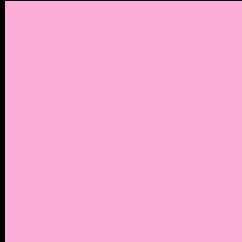
Large Text (above 18pt) WCAG AA × Fail

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 200.5230, 7.1372, 44.2683 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 200.5230, 7.1372, 44.2683

Background



This preview shows how black text looks on a background with the YUV color 200.5230, 7.1372, 44.2683.



This preview shows how white text looks on a background with the YUV color 200.5230, 7.1372,

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

200.5230, 7.1372, 44.2683

Protanopia

196.4950, 16.0250, -6.5731

Deuteranopia

197.8900, 6.9562, 8.8665



Tritanopia

199.1240, -4.4981, 42.8643

Trichromacy



Original Color

200.5230, 7.1372, 44.2683



Protanomaly

198.1060, 12.7657, 12.1850



Deuteranomaly

198.6790, 7.0603, 22.2065



Tritanomaly

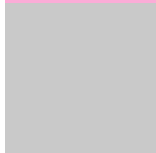
199.8620, -0.4250, 43.0940

Monochromacy



Original Color

200.5230, 7.1372, 44.2683



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.4950, 2.7140, 16.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5230, 7.1372, 44.2683 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(251, 172, 215)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 215)  
}
```

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(251, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 215) }
```

Border

The CSS property to change the border of an element to YUV 200.5230, 7.1372, 44.2683 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(251, 172, 215) }
```


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

```
.border{ border-color:rgb(251, 172, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 200.5230, 7.1372, 44.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 215) }
```

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

```
.background{ background-color: rgb(251,  
172, 215) }
```

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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