

Converting Colors

YUV(200.9350, 5.4550, 23.7360)

Have a look what the booklet for
YUV(200.9350, 5.4550, 23.7360)
contains.

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Color

**YUV(200.9350, 5.4550,
23.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B9D4
RGB	228, 185, 212
RGB Percent	89%, 73%, 83%
CMY	0.1059, 0.2745, 0.1686
CMYK	0.00, 0.19, 0.07, 0.11
HSL	322°, 44%, 81%
HSV	322°, 19%, 89%
XYZ	61.2275, 55.9454, 69.8589
YIQ	200.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

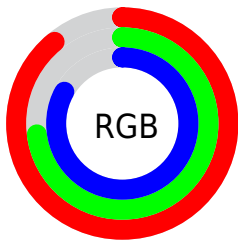
Format	Color
R _Y B	228, 185, 212
Decimal	14989780
CIE Lab	79.58, 19.83, -7.70
CIE LCh	80, 21.271, 338.777
Yxy	55.9454, 0.3274, 0.2991
Android (android.graphics.Color)	4293179860 (0xFFE4B9D4)
YUV	200.9350, 5.4550, 23.7360
Hunter-Lab	74.7966, 15.2236, -3.0183

Details

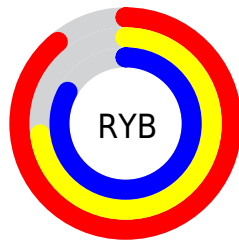
The YUV color $200.9350, 5.4550, 23.7360$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $212.0650, -5.4550, -23.7360$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 4.0515, 7.2072$, and $146.8100, 5.0237, 22.0916$ is the 20% darker color. If you saturate the color by 10%, you get $186.5220, 8.6167, 36.3762$, and if you desaturate by 10%, it is $215.3480, 2.2934, 11.0958$.

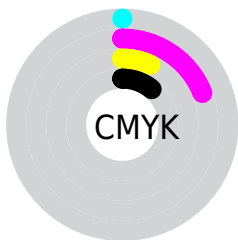
Distribution



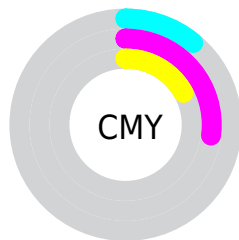
- Red (89%)
- Green (73%)
- Blue (83%)



- Red (89%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (11%)




- Cyan (11%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.9350, 5.4550, 23.7360 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 200.9350, 5.4550, 23.7360 by changing the saturation by 10% instead.

 200.9350, 5.4550,
23.7360


 200.9350, 5.4550,
23.7360

255.0000, 0.0000,
0.0000

 173.5220, 5.1657,
23.2212


 246.7820, 4.0515,
7.2072

 146.8100, 5.0237,
22.0916

 120.5110, 5.1711,
21.4769

 95.7990, 5.0291,
20.3473

 71.5000, 5.1765,
19.7325

 48.7880, 5.0345,
18.6029

 27.0760, 4.8925,

17.4733

■ 10.3100, 3.2982,
15.5141

■ 0.0000, 0.0000,
0.0000

■ 200.9350, 5.4550,
23.7360

■ 200.9350, 5.4550,
23.7360

■ 186.5220, 8.6167,
36.3762

■ 215.3480, 2.2934,
11.0958

■ 171.9950, 11.3415,
49.1164

■ 229.8750, -0.4314,
-1.6444

■ 158.1690, 14.2137,
61.2418

■ 243.7010, -3.3036,
-13.7698

■ 143.6420, 16.9385,
73.9820

■ 245.9010, 0.0488,
-15.6992

■ 129.2290, 20.1001,
86.6222

■ 246.8130, 3.5432,
-16.4990

■ 114.7020, 22.8249,
99.3623

■ 246.9270, 3.9800,
-16.5990

■ 100.2890, 25.9865,
112.0025

■ 86.3490, 28.4219,
124.2279

■ 84.4740, 28.8533,
125.8723

Harmonies

Analogous

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



199.7140, 13.9450, 7.2668



200.9350, 5.4550, 23.7360



200.4710, -4.1762, 32.9129

Triad

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



200.9350, 5.4550, 23.7360



196.1310, -18.7986, 9.5321



189.7590, 15.4018, -40.1306

Complementary

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



200.9350, 5.4550, 23.7360



212.0650, -5.4550, -23.7360

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.



189.6640, 6.0816, -37.4163



200.9350, 5.4550, 23.7360



193.6880, -13.6502, -8.4964

Square

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



200.9350, 5.4550, 23.7360



197.7460, -18.1158, 23.9018



190.6950, -4.2866, -25.1655



193.0790, 20.1741, -30.7643

Rectangle

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



200.9350, 5.4550, 23.7360



199.5760, -10.1440, 33.6978



190.6950, -4.2866, -25.1655



189.4770, 13.0758, -40.7603

Sweetspot

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



200.9350, 5.4550, 23.7360



245.5110, 1.7201, 8.3219



194.6860, 16.4238, 5.5374



122.2610, 0.8573, 5.0331



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.



200.9350, 5.4550, 23.7360



217.8590, 7.4645, 32.5727



198.5410, -3.7177, 25.8355



107.3860, 1.2887, 6.6775



66.2890, 22.5355, 98.8475



18.8970, 6.4598, 28.1543

Inverse Universe

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



200.9350, 5.4550, 23.7360



217.8590, 7.4645, 32.5727



214.4590, 3.7177, -25.8355



107.3860, 1.2887, 6.6775



66.2890, 22.5355, 98.8475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 200.9350, 5.4550, 23.7360 looks on a white background.

Color Contrast Check

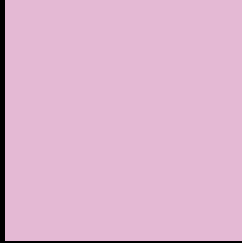
Large Text (above 18pt) WCAG AA × Fail

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 200.9350, 5.4550, 23.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

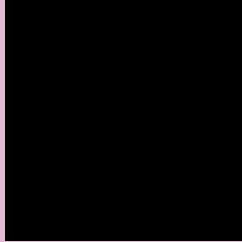
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.9350, 5.4550, 23.7360

Background



This preview shows how black text looks on a background with the YUV color 200.9350, 5.4550, 23.7360.



This preview shows how white text looks on a background with the YUV color 200.9350, 5.4550,

23.7360.

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

200.9350, 5.4550, 23.7360

Protanopia

198.3230, 10.1938, -2.9143

Deuteranopia

199.8470, 5.4984, 9.7812



Tritanopia

200.5560, 0.2189, 23.1914

Trichromacy



Original Color

200.9350, 5.4550, 23.7360

Protanomaly

199.2210, 8.2720, 6.8222

Deuteranomaly

199.8800, 5.4822, 15.0142

Tritanomaly

200.4250, 2.2555, 23.3063

Monochromacy



Original Color

200.9350, 5.4550, 23.7360

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9240, 2.0095, 8.8367

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.9350, 5.4550, 23.7360 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(228, 185, 212)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 212)  
}
```

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(228, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 212) }
```

Border

The CSS property to change the border of an element to YUV 200.9350, 5.4550, 23.7360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

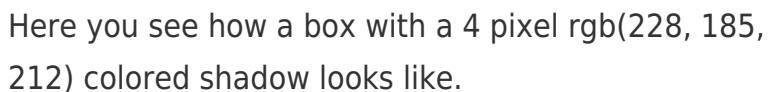
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 185, 212) }
```


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

```
.border{ border-color:rgb(228, 185, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 185, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 185, 212); box-shadow:4px 4px 4px 4px rgb(228, 185, 212) }
```

Background

The CSS property to change the background color of an element to YUV 200.9350, 5.4550, 23.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 185, 212) }
```

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

```
.background{ background-color: rgb(228,  
185, 212) }
```

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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