

Converting Colors

YUV(221.9350, 5.4550, 23.7360)

Have a look what the booklet for
YUV(221.9350, 5.4550, 23.7360)
contains.

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Color

**YUV(221.9350, 5.4550,
23.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CEE9
RGB	249, 206, 233
RGB Percent	98%, 81%, 91%
CMY	0.0235, 0.1922, 0.0863
CMYK	0.00, 0.17, 0.06, 0.02
HSL	322°, 78%, 89%
HSV	322°, 17%, 98%
XYZ	75.8462, 70.1655, 86.6366
YIQ	221.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

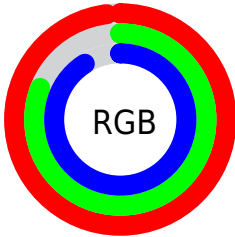
Format	Color
R _Y B	249, 206, 233
Decimal	16371433
CIE Lab	87.08, 19.47, -7.61
CIE LCh	87, 20.901, 338.653
Yxy	70.1655, 0.3260, 0.3016
Android (android.graphics.Color)	4294561513 (0xFFF9CEE9)
YUV	221.9350, 5.4550, 23.7360
Hunter-Lab	83.7649, 15.0371, -2.6872

Details

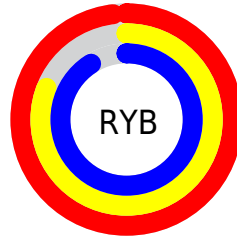
The YUV color $221.9350, 5.4550, 23.7360$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $233.0650, -5.4550, -23.7360$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.8100, 5.0237, 22.0916$ is the 20% darker color. If you saturate the color by 10%, you get $206.2340, 8.7586, 37.5058$, and if you desaturate by 10%, it is $237.6360, 2.1515, 9.9662$.

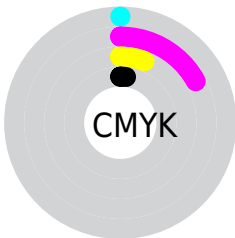
Distribution



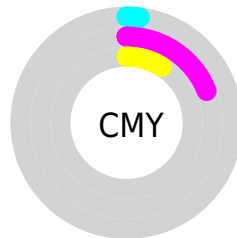
- Red (98%)
- Green (81%)
- Blue (91%)



- Red (98%)
- Yellow (81%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9350, 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 221.9350, 5.4550, 23.7360 by changing the saturation by 10% instead.


 221.9350, 5.4550,
23.7360


 221.9350, 5.4550,
23.7360

255.0000, 0.0000,
0.0000


 193.6360, 5.6025,
23.1212

 166.8100, 5.0237,
22.0916

 139.9240, 5.4605,
21.9917

 114.2120, 5.3185,
20.8621

 89.7990, 5.0291,
20.3473

 66.0870, 4.8871,
19.2177

 43.3750, 4.7451,

18.0881

■ 21.7770, 5.0399,
16.8586

■ 4.9840, 0.9939,
7.9070

■ 221.9350, 5.4550,
23.7360

■ 221.9350, 5.4550,
23.7360

■ 206.2340, 8.7586,
37.5058

■ 237.6360, 2.1515,
9.9662

■ 190.4190, 11.6254,
51.3755

■ 252.8640, -0.4260,
-3.3887

■ 174.7180, 14.9290,
65.1453

■ 253.2060, 0.8844,
-3.6887

■ 159.0170, 18.2326,
78.9151

■ 143.9030, 21.2468,
92.1701

■ 128.0880, 24.1136,
106.0398

■ 112.3870, 27.4172,
119.8096

■ 96.6860, 30.7208,
133.5794

■ 92.2350, 31.4361,
137.4829

Harmonies

Analogous

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



220.7140, 13.9450, 7.2668



221.9350, 5.4550, 23.7360



220.2750, -3.5866, 30.4538

Triad

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



221.9350, 5.4550, 23.7360



217.1310, -18.7986, 9.5321



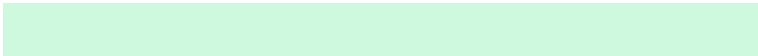
211.0580, 15.2544, -39.5159

Complementary

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



221.9350, 5.4550, 23.7360



233.0650, -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.



210.6640, 6.0816, -37.4163



221.9350, 5.4550, 23.7360



214.1010, -13.3608, -7.9816

Square

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



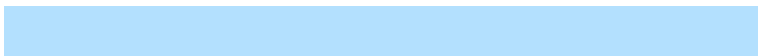
221.9350, 5.4550, 23.7360



219.0450, -18.2632, 24.5165



211.9940, -4.4340, -24.5507



213.9650, 19.7373, -30.6643

Rectangle

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



221.9350, 5.4550, 23.7360



219.3800, -9.5543, 31.2387



211.9940, -4.4340, -24.5507



210.6620, 12.4916, -40.0456

Sweetspot

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



221.9350, 5.4550, 23.7360



246.7990, 1.5781, 7.1923



215.6860, 16.4238, 5.5374



122.9620, 1.0047, 4.4183



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.



221.9350, 5.4550, 23.7360



221.0220, 6.8912, 29.7987



219.5410, -3.7177, 25.8355



116.7990, 1.5781, 7.1923



69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Inverse Universe

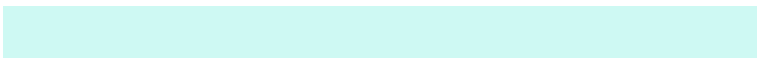
The Inverse Universe completely reimagines the original color for something new.



221.9350, 5.4550, 23.7360



221.0220, 6.8912, 29.7987



235.4590, 3.7177, -25.8355



116.7990, 1.5781, 7.1923



69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 221.9350, 5.4550, 23.7360 looks on a white background.

Color Contrast Check

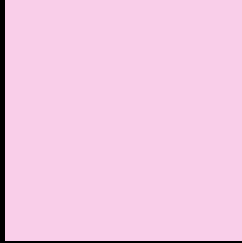
Large Text (above 18pt) WCAG AA × Fail

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 221.9350, 5.4550, 23.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

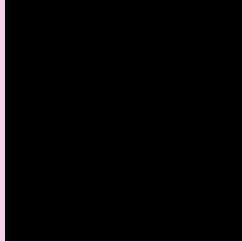
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.9350, 5.4550, 23.7360

Background



This preview shows how black text looks on a background with the YUV color 221.9350, 5.4550, 23.7360.



This preview shows how white text looks on a background with the YUV color 221.9350, 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

221.9350, 5.4550, 23.7360

Protanopia

219.3230, 10.1938, -2.9143

Deuteranopia

220.5590, 5.6404, 10.9108



Tritanopia

221.7840, 1.0925, 22.9914

Trichromacy



Original Color

221.9350, 5.4550, 23.7360

Protanomaly

220.2210, 8.2720, 6.8222

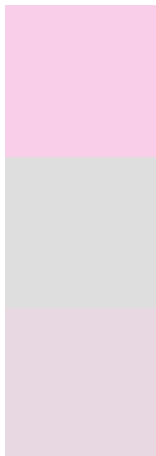
Deuteranomaly

221.1790, 5.3348, 15.6290

Tritanomaly

221.5390, 2.6923, 23.2063

Monochromacy



Original Color

221.9350, 5.4550, 23.7360

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9240, 2.0095, 8.8367

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9350, 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(249, 206, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 233)  
}
```

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(249, 206, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 233) }
```

Border

The CSS property to change the border of an element to YUV 221.9350, 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(249, 206, 233) }
```


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

```
.border{ border-color:rgb(249, 206, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 206, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 221.9350, 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(249, 206, 233) }
```

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

```
.background{ background-color: rgb(249,  
206, 233) }
```

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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