

Converting Colors

YUV(236.1940, 9.2714, 12.9849)

Have a look what the booklet for
YUV(236.1940, 9.2714, 12.9849)
contains.

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Color

**YUV(236.1940, 9.2714,
12.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE1FF
RGB	251, 225, 255
RGB Percent	98%, 88%, 100%
CMY	0.0157, 0.1176, 0.0000
CMYK	0.02, 0.12, 0.00, 0.00
HSL	292°, 100%, 94%
HSV	292°, 12%, 100%
XYZ	84.7589, 81.5797, 105.8869
YIQ	236.1940, 5.8660, 14.8420

Conversions

Conversions Part 2

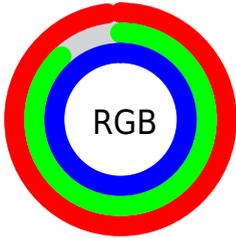
Format	Color
R _Y B	251, 225, 255
Decimal	16507391
CIE Lab	92.39, 14.07, -11.27
CIE LCh	92, 18.030, 321.308
Yxy	81.5797, 0.3114, 0.2997
Android (android.graphics.Color)	4294697471 (0xFFFFBE1FF)
YUV	236.1940, 9.2714, 12.9849
Hunter-Lab	90.3215, 9.4443, -6.2827

Details

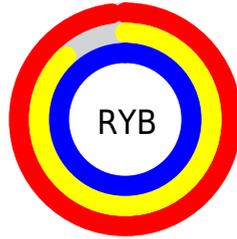
The YUV color $236.1940, 9.2714, 12.9849$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $243.8060, -9.2714, -12.9849$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3680, 8.6926, 11.9553$ is the 20% darker color. If you saturate the color by 10%, you get $220.6220, 16.9484, 24.0105$, and if you desaturate by 10%, it is $252.3530, 1.3050, 1.4444$.

Distribution



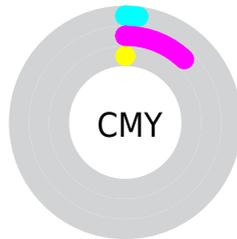
- Red (98%)
- Green (88%)
- Blue (100%)



- Red (98%)
- Yellow (88%)
- Blue (100%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.1940, 9.2714, 12.9849 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 236.1940, 9.2714, 12.9849 by changing the saturation by 10% instead.

 236.1940, 9.2714,
12.9849

 236.1940, 9.2714,
12.9849

255.0000, 0.0000,
0.0000

 207.7810, 8.9820,
12.4701

 180.3680, 8.6926,
11.9553

 153.3680, 8.6926,
11.9553

 127.2540, 8.2558,
12.0552

 102.5420, 8.1138,
10.9257

 78.1290, 7.8244,
10.4109

 55.6020, 7.0982,

9.9960

■ 33.3030, 7.2456,
9.3813

■ 10.5530, 8.1084,
12.6700

■ 236.1940, 9.2714,
12.9849

■ 236.1940, 9.2714,
12.9849

■ 220.6220, 16.9484,
24.0105

■ 252.3530, 1.3050,
1.4444

■ 204.1640, 25.0621,
34.9362

255.0000, 0.0000,
0.0000

■ 188.0050, 33.0285,
46.4766

■ 172.1340, 40.8529,
56.8875

■ 156.5620, 48.5299,
67.9131

■ 140.4030, 56.4963,
79.4536

■ 124.5320, 64.3207,
89.8644

■ 108.3730, 72.2871,
101.4049

■ 95.1490, 78.8065,
110.3713

Harmonies

Analogous

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



232.8500, 10.9200, -2.4994



236.1940, 9.2714, 12.9849



233.8050, 2.5611, 18.5880

Triad

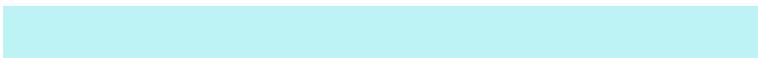
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.1940, 9.2714, 12.9849



233.0440, -16.7837, 16.6244



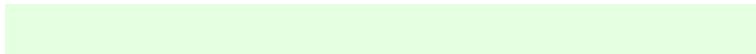
227.0820, 8.8336, -33.3979

Complementary

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



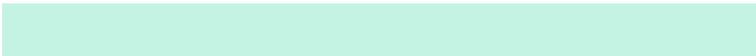
236.1940, 9.2714, 12.9849



243.8060, -9.2714, -12.9849

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.



227.4220, -0.2080, -26.6801



236.1940, 9.2714, 12.9849



231.4120, -14.9931, 2.2697

Square

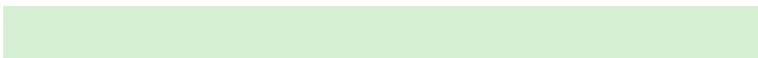
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.1940, 9.2714, 12.9849



231.9180, -12.2846, 20.2429



228.9200, -8.8346, -13.0848



228.2440, 13.1907, -30.9090

Rectangle

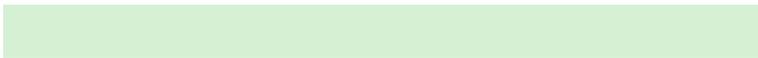
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.1940, 9.2714, 12.9849



231.8500, -2.3910, 20.3026



228.9200, -8.8346, -13.0848



226.6970, 6.0654, -32.1833

Sweetspot

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



236.1940, 9.2714, 12.9849



248.8310, 3.0413, 4.5332



230.7680, 11.9464, -5.0585



123.5920, 2.1731, 2.9888



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.



236.1940, 9.2714, 12.9849



232.3730, 11.1551, 15.4589



236.1360, 3.8770, 16.5437



119.7710, 4.0569, 5.4628



71.4080, 58.9589, 82.9572



23.7410, 19.8477, 27.4141

Inverse Universe

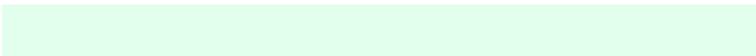
The Inverse Universe completely reimagines the original color for something new.



234.4260, -2.6750, 18.0434



230.3340, -3.1227, 21.6321



243.8640, -3.8770, -16.5437



119.0010, -1.4795, 7.8921



59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 236.1940, 9.2714, 12.9849 looks on a white background.

Color Contrast Check

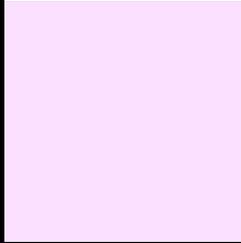
Large Text (above 18pt) WCAG AA × Fail

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 236.1940, 9.2714, 12.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

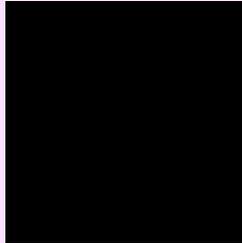
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.1940, 9.2714, 12.9849

Background



This preview shows how black text looks on a background with the YUV color 236.1940, 9.2714, 12.9849.



This preview shows how white text looks on a background with the YUV color 236.1940, 9.2714,

12.9849.

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

236.1940, 9.2714, 12.9849

Protanopia

234.0240, 10.3412, -3.5290

Deuteranopia

235.8730, 9.4296, 8.8814



Tritanopia

235.6300, 4.6194, 11.7255

Trichromacy



Original Color

236.1940, 9.2714, 12.9849

Protanomaly

234.6550, 10.0301, 2.9336

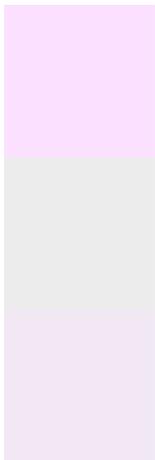
Deuteranomaly

235.8840, 9.4242, 10.6257

Tritanomaly

235.7980, 6.5086, 12.4552

Monochromacy



Original Color

236.1940, 9.2714, 12.9849

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.1940, 9.2714, 12.9849 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, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 225, 255)  
}
```

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, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 225, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.1940, 9.2714, 12.9849 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, 225, 255) }
```

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

```
.border{ border-color:rgb(251, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.1940, 9.2714, 12.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 225, 255) }
```

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

```
.background{ background-color: rgb(251,  
225, 255) }
```

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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