

Converting Colors

YUV(242.0810, 3.9041, 7.8220)

Have a look what the booklet for
YUV(242.0810, 3.9041, 7.8220)
contains.

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Color

**YUV(242.0810, 3.9041,
7.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	FBECFA
RGB	251, 236, 250
RGB Percent	98%, 93%, 98%
CMY	0.0157, 0.0745, 0.0196
CMYK	0.00, 0.06, 0.00, 0.02
HSL	304°, 65%, 95%
HSV	304°, 6%, 98%
XYZ	87.0344, 87.4023, 102.7256
YIQ	242.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

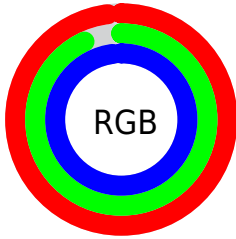
Format	Color
R _Y B	251, 236, 250
Decimal	16510202
CIE Lab	94.91, 7.48, -4.93
CIE LCh	95, 8.962, 326.589
Yxy	87.4023, 0.3140, 0.3153
Android (android.graphics.Color)	4294700282 (0xFFFFBECFA)
YUV	242.0810, 3.9041, 7.8220
Hunter-Lab	93.4892, 2.5698, 0.2948

Details

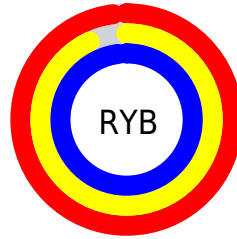
The YUV color `242.0810, 3.9041, 7.8220` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `244.9190, -3.9041, -7.8220`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `185.7820, 4.0515, 7.2072` is the 20% darker color. If you saturate the color by 10%, you get `227.1780, 10.2652, 20.8919`, and if you desaturate by 10%, it is `253.4620, -0.7208, -2.1592`.

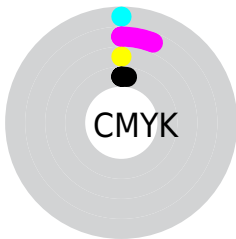
Distribution



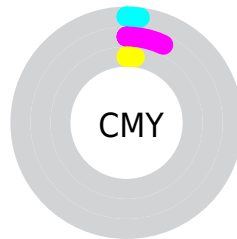
- Red (98%)
- Green (93%)
- Blue (98%)



- Red (98%)
- Yellow (93%)
- Blue (98%)



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





- Cyan (2%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0810, 3.9041, 7.8220 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 242.0810, 3.9041, 7.8220 by changing the saturation by 10% instead.

 242.0810, 3.9041,
7.8220


 242.0810, 3.9041,
7.8220

255.0000, 0.0000,
0.0000


 213.6680, 3.6147,
7.3072

 185.7820, 4.0515,
7.2072

 158.6680, 3.6147,
7.3072

 132.6680, 3.6147,
7.3072

 107.3690, 3.7621,
6.6924

 83.2550, 3.3253,
6.7924

 60.5430, 3.1833,

5.6628

■ 38.5430, 3.1833,
5.6628

■ 17.2550, 3.3253,
6.7924

■ 242.0810, 3.9041,
7.8220

■ 242.0810, 3.9041,
7.8220

■ 227.1780, 10.2652,
20.8919

■ 253.4620, -0.7208,
-2.1592

■ 212.3890, 17.0632,
33.8618

■ 253.5760, -0.2840,
-2.2592

■ 197.4860, 23.4244,
46.9318

■ 253.8040, 0.5896,
-2.4591

■ 182.5830, 29.7856,
60.0017

■ 167.7940, 36.5836,
72.9717

■ 152.3040, 43.2341,
86.5564

■ 137.4010, 49.5953,
99.6263

■ 122.6120, 56.3933,
112.5963

■ 107.7090, 62.7545,
125.6662

Harmonies

Analogous

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



240.8350, 6.9833, 0.1447



242.0810, 3.9041, 7.8220



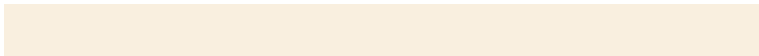
241.7780, 0.1094, 11.5957

Triad

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



242.0810, 3.9041, 7.8220



240.1660, -8.4628, 7.7474



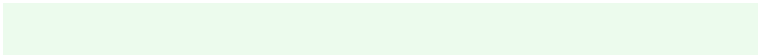
237.5680, 5.1430, -16.2841

Complementary

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



242.0810, 3.9041, 7.8220



244.9190, -3.9041, -7.8220

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.



238.0260, 0.4802, -14.0548



242.0810, 3.9041, 7.8220



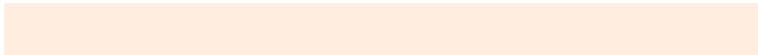
239.1650, -6.9833, -0.1447

Square

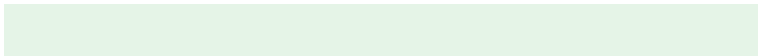
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



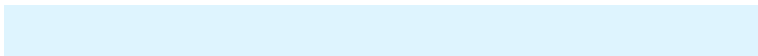
242.0810, 3.9041, 7.8220



241.1280, -7.4581, 12.1657



238.0330, -3.4673, -7.9219



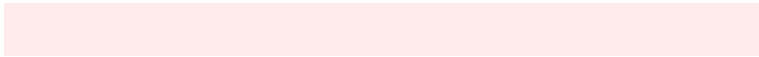
238.5620, 7.6109, -14.5249

Rectangle

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



242.0810, 3.9041, 7.8220



241.0940, -2.5113, 12.1956



238.0330, -3.4673, -7.9219



238.1120, 3.3958, -15.8842

Sweetspot

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



242.0810, 3.9041, 7.8220



252.0650, 1.4470, 2.5740



238.0090, 6.4046, -0.8849



126.1250, 0.4314, 1.6444



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.



242.0810, 3.9041, 7.8220



244.3200, 4.7722, 9.3664



241.2830, 0.8465, 8.5218



119.0160, 2.4571, 5.2480



76.5750, 49.0165, 98.5967



24.7370, 15.9057, 31.8027

Inverse Universe

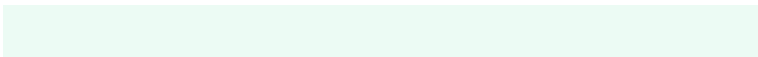
The Inverse Universe completely reimagines the original color for something new.



242.0810, 3.9041, 7.8220



244.3200, 4.7722, 9.3664



245.7170, -0.8465, -8.5218



119.0160, 2.4571, 5.2480



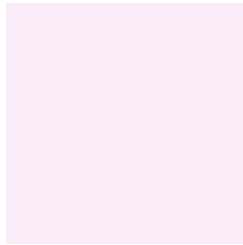
76.5750, 49.0165, 98.5967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 242.0810, 3.9041, 7.8220 looks on a white background.

Color Contrast Check

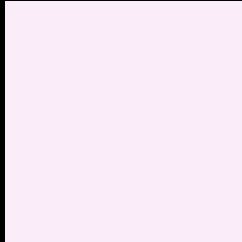
Large Text (above 18pt) WCAG AA × Fail

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 242.0810, 3.9041, 7.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

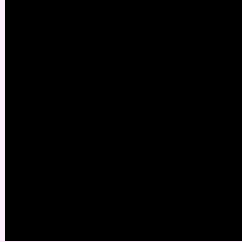
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

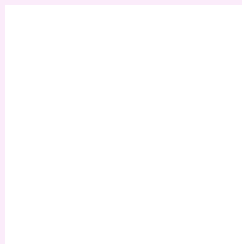
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0810, 3.9041, 7.8220

Background



This preview shows how black text looks on a background with the YUV color 242.0810, 3.9041, 7.8220.



This preview shows how white text looks on a background with the YUV color 242.0810, 3.9041,

7.8220.

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

242.0810, 3.9041, 7.8220

Protanopia

241.0800, 5.3836, -0.0702

Deuteranopia

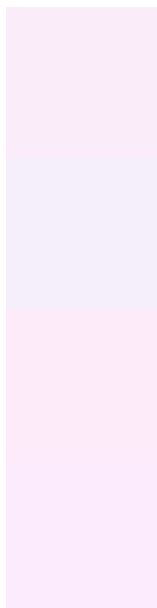
242.4620, 2.7302, 10.9958



Tritanopia

242.2490, 5.7932, 8.5516

Trichromacy



Original Color

242.0810, 3.9041, 7.8220

Protanomaly

241.5750, 4.6465, 3.0037

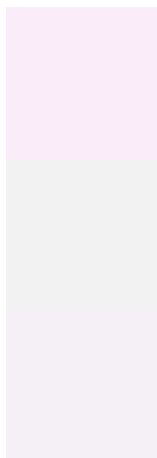
Deuteranomaly

242.2770, 3.3144, 10.2811

Tritanomaly

242.1350, 5.3564, 8.6516

Monochromacy



Original Color

242.0810, 3.9041, 7.8220

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0810, 3.9041, 7.8220 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, 236, 250)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 250)  
}
```

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, 236, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 250) }
```

Border

The CSS property to change the border of an element to YUV 242.0810, 3.9041, 7.8220 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, 236, 250) }
```


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

```
.border{ border-color:rgb(251, 236, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 236, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 250);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 242.0810, 3.9041, 7.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 250) }
```

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

```
.background{ background-color: rgb(251,  
236, 250) }
```

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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