

Converting Colors

YUV(244.7130, -1.3375, 9.0217)

Have a look what the booklet for
YUV(244.7130, -1.3375, 9.0217)
contains.

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Color

**YUV(244.7130, -1.3375,
9.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0F2
RGB	255, 240, 242
RGB Percent	100%, 94%, 95%
CMY	0.0000, 0.0588, 0.0510
CMYK	0.00, 0.06, 0.05, 0.00
HSL	352°, 100%, 97%
HSV	352°, 6%, 100%
XYZ	88.4271, 89.9910, 96.7138
YIQ	244.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

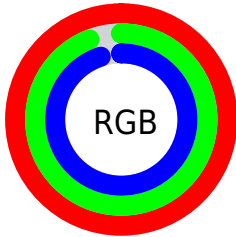
Format	Color
R_{YB}	255, 240, 242
Decimal	16773362
CIE _{Lab}	95.99, 5.38, 0.84
CIE _{LCh}	96, 5.448, 8.855
Yxy	89.9910, 0.3214, 0.3271
Android (android.graphics.Color)	4294963442 (0xFFFFF0F2)
YUV	244.7130, -1.3375, 9.0217
Hunter-Lab	94.8636, 0.3775, 5.9581

Details

The YUV color $244.7130, -1.3375, 9.0217$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $250.2870, 1.3375, -9.0217$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.4140, -1.1901, 8.4069$ is the 20% darker color. If you saturate the color by 10%, you get $227.5300, -3.7123, 24.0912$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

Distribution



Red (100%)

Green (94%)

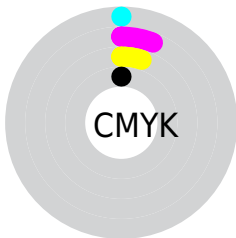
Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)

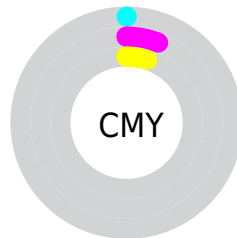


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.7130, -1.3375, 9.0217 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 244.7130, -1.3375, 9.0217 by changing the saturation by 10% instead.


 244.7130, -1.3375,
9.0217


 244.7130, -1.3375,
9.0217


255.0000, 0.0000,
0.0000


 216.4140, -1.1901,
8.4069

 188.4140, -1.1901,
8.4069

 161.4140, -1.1901,
8.4069

 135.1150, -1.0427,
7.7921

 110.1150, -1.0427,
7.7921

 85.7020, -1.3321,
7.2773

 62.4030, -1.1847,

6.6626

■ 40.5170, -0.7479,
6.5626

■ 19.5170, -0.7479,
6.5626

■ 244.7130, -1.3375,
9.0217

■ 244.7130, -1.3375,
9.0217

■ 227.5300, -3.7123,
24.0912

255.0000, 0.0000,
0.0000

■ 209.7600, -5.7977,
39.6755

■ 191.9900, -7.8831,
55.2598

■ 174.8070,
-10.2579, 70.3293

■ 157.5100,
-13.0694, 85.4987

■ 139.7400,
-15.1548, 101.0830

■ 121.9700,
-17.2402, 116.6673

■ 104.7870,
-19.6150, 131.7368

■ 87.0170, -21.7004,
147.3211

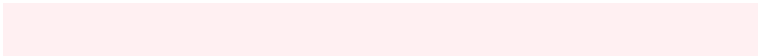
Harmonies

Analogous

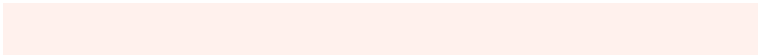
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.3860, 1.2887, 6.6775



244.7130, -1.3375, 9.0217



244.7300, -3.8109, 9.0068

Triad

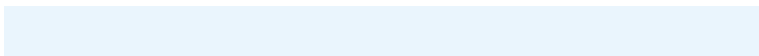
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.7130, -1.3375, 9.0217



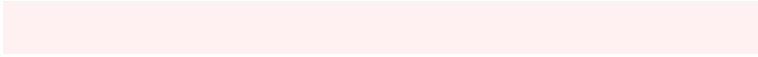
242.3650, -3.6309, -2.0741



242.6230, 5.1159, -7.5624

Complementary

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



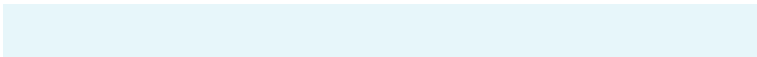
244.7130, -1.3375, 9.0217



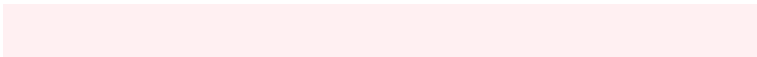
250.2870, 1.3375, -9.0217

Split Complementary

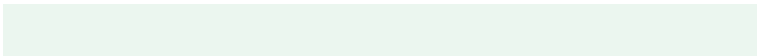
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.9710, 3.9583, -9.6216



244.7130, -1.3375, 9.0217



241.9130, -1.4361, -6.0627

Square

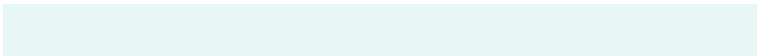
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.7130, -1.3375, 9.0217



243.3440, -5.0996, 2.3293



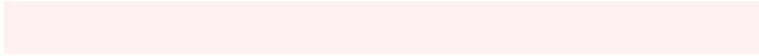
241.9880, 1.4849, -9.6365



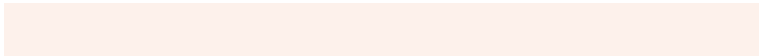
243.3570, 5.2470, -2.9441

Rectangle

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



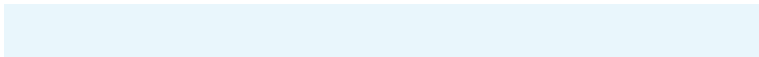
244.7130, -1.3375, 9.0217



243.9040, -4.3897, 7.9772



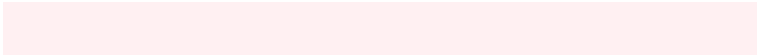
241.9880, 1.4849, -9.6365



242.7970, 4.5371, -8.5920

Sweetspot

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



244.7130, -1.3375, 9.0217



251.6090, -0.3002, 2.9739



245.5970, 4.6357, 6.4924



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

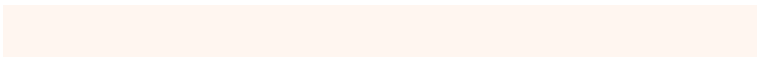
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.7130, -1.3375, 9.0217



242.7240, -1.3429, 10.7661



248.0070, -3.9475, 6.1329



120.5170, -0.7479, 6.5626



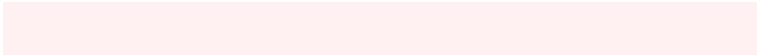
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Inverse Universe

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



244.7130, -1.3375, 9.0217



242.7240, -1.3429, 10.7661



247.5800, 3.6581, -6.6477



120.5170, -0.7479, 6.5626



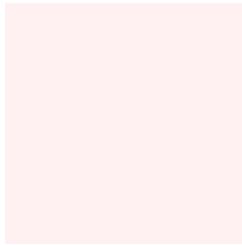
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 244.7130, -1.3375, 9.0217 looks on a white background.

Color Contrast Check

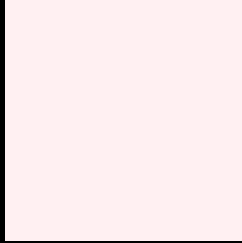
Large Text (above 18pt) WCAG AA × Fail

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 244.7130, -1.3375, 9.0217 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

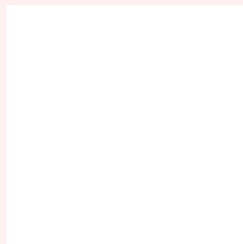
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.7130, -1.3375, 9.0217

Background



This preview shows how black text looks on a background with the YUV color 244.7130, -1.3375, 9.0217.

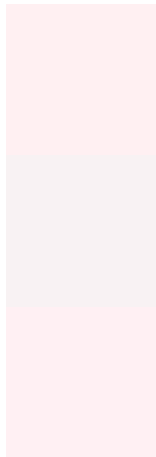


This preview shows how white text looks on a background with the YUV color 244.7130, -1.3375,

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

244.7130, -1.3375, 9.0217

Protanopia

243.9080, -0.4476, 3.5887

Deuteranopia

244.8270, -0.9007, 8.9217



Tritanopia

245.4940, 4.1935, 8.3368

Trichromacy



Original Color

244.7130, -1.3375, 9.0217

Protanomaly

244.2180, -0.6005, 5.9478

Deuteranomaly

244.8270, -0.9007, 8.9217

Tritanomaly

245.0380, 2.4463, 8.7367

Monochromacy



Original Color

244.7130, -1.3375, 9.0217

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.7130, -1.3375, 9.0217 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(255, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 242)  
}
```

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(255, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 242) }
```

Border

The CSS property to change the border of an element to YUV 244.7130, -1.3375, 9.0217 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(255, 240, 242) }
```


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

```
.border{ border-color:rgb(255, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 244.7130, -1.3375, 9.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 242) }
```

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

```
.background{ background-color: rgb(255,  
240, 242) }
```

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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