

Converting Colors

YUV(236.7720, 2.5774, 13.3550)

Have a look what the booklet for
YUV(236.7720, 2.5774, 13.3550)
contains.

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Color

**YUV(236.7720, 2.5774,
13.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE4F2
RGB	252, 228, 242
RGB Percent	99%, 89%, 95%
CMY	0.0118, 0.1059, 0.0510
CMYK	0.00, 0.10, 0.04, 0.01
HSL	325°, 80%, 94%
HSV	325°, 10%, 99%
XYZ	83.9153, 82.5931, 95.5236
YIQ	236.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

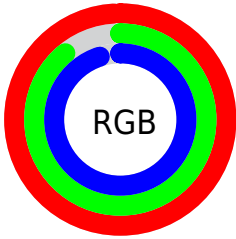
Format	Color
R _Y B	252, 228, 242
Decimal	16573682
CIE Lab	92.84, 10.54, -3.81
CIE LCh	93, 11.212, 340.120
Yxy	82.5931, 0.3202, 0.3152
Android (android.graphics.Color)	4294763762 (0xFFFC E4F2)
YUV	236.7720, 2.5774, 13.3550
Hunter-Lab	90.8807, 5.7779, 1.2975

Details

The YUV color $236.7720, 2.5774, 13.3550$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.2280, -2.5774, -13.3550$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.0600, 2.4354, 12.2254$ is the 20% darker color. If you saturate the color by 10%, you get $220.8430, 5.0074, 27.3247$, and if you desaturate by 10%, it is $252.7010, 0.1474, -0.6148$.

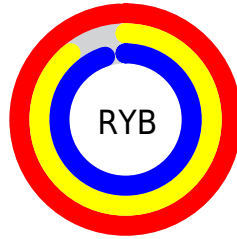
Distribution



Red (99%)

Green (89%)

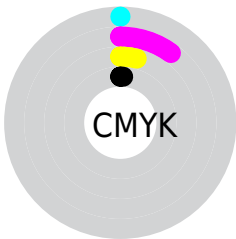
Blue (95%)



Red (99%)

Yellow (89%)

Blue (95%)

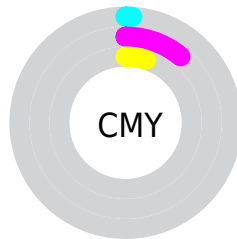


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.7720, 2.5774, 13.3550 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 236.7720, 2.5774, 13.3550 by changing the saturation by 10% instead.


 236.7720, 2.5774,
13.3550

 236.7720, 2.5774,
13.3550


255.0000, 0.0000,
0.0000


 208.4730, 2.7248,
12.7402

 181.0600, 2.4354,
12.2254

 154.0600, 2.4354,
12.2254

 128.0600, 2.4354,
12.2254

 102.7610, 2.5828,
11.6106

 78.9350, 2.0040,
10.5810

 55.9350, 2.0040,

10.5810

■ 34.3370, 2.2989,
9.3515

■ 11.0000, 3.4510,
13.1550

■ 236.7720, 2.5774,
13.3550

■ 236.7720, 2.5774,
13.3550

■ 220.8430, 5.0074,
27.3247

■ 252.7010, 0.1474,
-0.6148

■ 205.0280, 7.8742,
41.1944

■ 254.1030, 0.4422,
-1.8443

■ 188.5120, 10.5936,
55.6790

■ 172.6970, 13.4604,
69.5487

■ 156.7680, 15.8904,
83.5185

■ 140.9530, 18.7572,
97.3882

■ 125.0240, 21.1872,
111.3580

■ 108.6220, 24.3434,
125.7425

■ 92.6930, 26.7734,
139.7122

Harmonies

Analogous

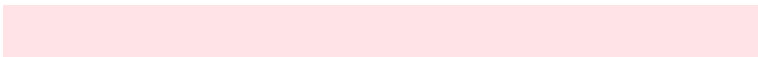
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2700, 7.2619, 4.1482



236.7720, 2.5774, 13.3550



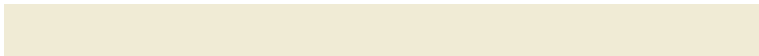
235.8280, -2.3802, 16.8138

Triad

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



236.7720, 2.5774, 13.3550



233.9870, -10.3466, 5.2734



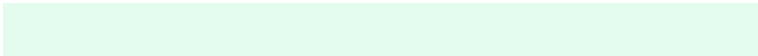
231.6430, 8.0640, -19.8579

Complementary

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



236.7720, 2.5774, 13.3550



243.2280, -2.5774, -13.3550

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.



231.0900, 3.4066, -19.3729



236.7720, 2.5774, 13.3550



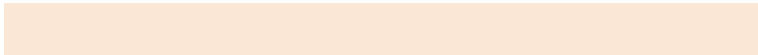
232.4310, -7.1145, -4.7630

Square

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



236.7720, 2.5774, 13.3550



234.7430, -10.2263, 13.3804



231.3420, -2.1406, -13.4549



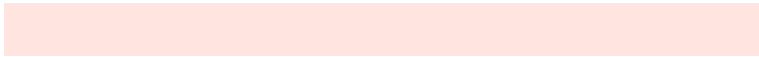
233.2460, 10.2317, -15.1247

Rectangle

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



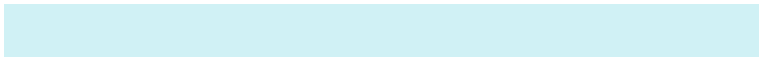
236.7720, 2.5774, 13.3550



235.6170, -5.7272, 16.9989



231.3420, -2.1406, -13.4549



231.5890, 6.6116, -20.6876

Sweetspot

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



236.7720, 2.5774, 13.3550



249.9620, 1.0047, 4.4183



233.7260, 9.0091, 3.7483



124.1360, 0.4260, 3.3887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

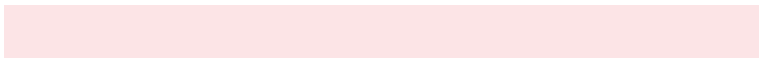
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.7720, 2.5774, 13.3550



237.1960, 2.8614, 15.6141



235.4040, -2.6642, 14.5547



116.7990, 1.5781, 7.1923



69.0510, 20.1879, 105.1953



22.3430, 6.7329, 33.9022

Inverse Universe

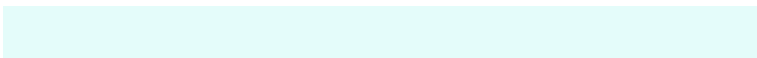
The Inverse Universe completely reimagines the original color for something new.



236.7720, 2.5774, 13.3550



237.1960, 2.8614, 15.6141



244.5960, 2.6642, -14.5547



116.7990, 1.5781, 7.1923



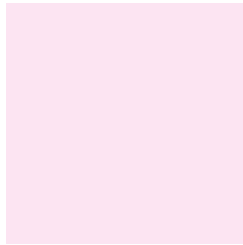
69.0510, 20.1879, 105.1953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 236.7720, 2.5774, 13.3550 looks on a white background.

Color Contrast Check

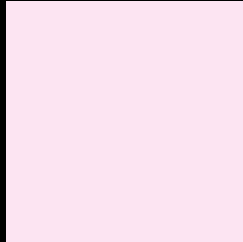
Large Text (above 18pt) WCAG AA × Fail

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 236.7720, 2.5774, 13.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

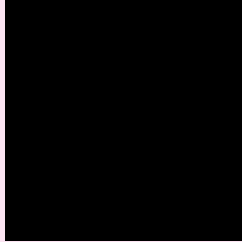
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.7720, 2.5774, 13.3550

Background



This preview shows how black text looks on a background with the YUV color 236.7720, 2.5774, 13.3550.



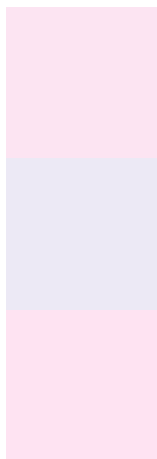
This preview shows how white text looks on a background with the YUV color 236.7720, 2.5774,

13.3550.

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

236.7720, 2.5774, 13.3550

Protanopia

235.2650, 4.7994, 0.6446

Deuteranopia

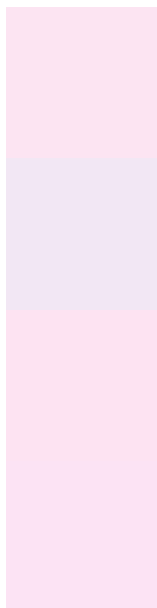
236.7830, 2.5720, 15.0993



Tritanopia

236.5270, 4.1772, 13.5698

Trichromacy



Original Color

236.7720, 2.5774, 13.3550

Protanomaly

235.7710, 4.0569, 5.4628

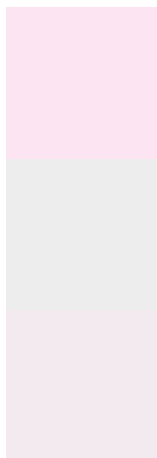
Deuteranomaly

236.4840, 2.7194, 14.4845

Tritanomaly

236.4130, 3.7404, 13.6698

Monochromacy



Original Color

236.7720, 2.5774, 13.3550

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9620, 1.0047, 4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.7720, 2.5774, 13.3550 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(252, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 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(252, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 242) }
```

Border

The CSS property to change the border of an element to YUV 236.7720, 2.5774, 13.3550 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(252, 228, 242) }
```


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

```
.border{ border-color:rgb(252, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 236.7720, 2.5774, 13.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 242) }
```

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

```
.background{ background-color: rgb(252,  
228, 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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