

Converting Colors

YUV(236.5120, 0.2406, 16.2140)

Have a look what the booklet for
YUV(236.5120, 0.2406, 16.2140)
contains.

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Color

**YUV(236.5120, 0.2406,
16.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3ED
RGB	255, 227, 237
RGB Percent	100%, 89%, 93%
CMY	0.0000, 0.1098, 0.0706
CMYK	0.00, 0.11, 0.07, 0.00
HSL	339°, 100%, 95%
HSV	339°, 11%, 100%
XYZ	83.9951, 82.3126, 91.5817
YIQ	236.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

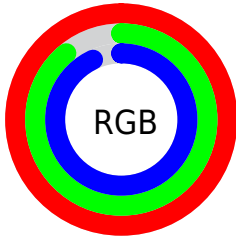
Format	Color
R _Y B	255, 227, 237
Decimal	16770029
CIE Lab	92.71, 11.23, -1.35
CIE LCh	93, 11.309, 353.121
Yxy	82.3126, 0.3257, 0.3192
Android (android.graphics.Color)	4294960109 (0xFFFFE3ED)
YUV	236.5120, 0.2406, 16.2140
Hunter-Lab	90.7263, 6.4858, 3.6594

Details

The YUV color $236.5120, 0.2406, 16.2140$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $245.4880, -0.2406, -16.2140$, 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 $180.8000, 0.0986, 15.0844$ is the 20% darker color. If you saturate the color by 10%, you get $220.0130, 0.4866, 30.6836$, and if you desaturate by 10%, it is $253.0110, -0.0054, 1.7444$.

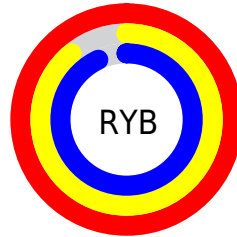
Distribution



Red (100%)

Green (89%)

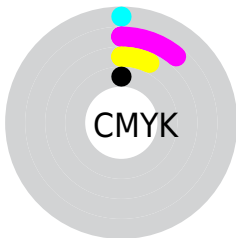
Blue (93%)



Red (100%)

Yellow (89%)

Blue (93%)

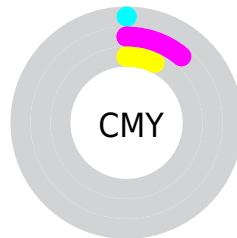


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.5120, 0.2406, 16.2140 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 236.5120, 0.2406, 16.2140 by changing the saturation by 10% instead.


 236.5120, 0.2406,
16.2140

 236.5120, 0.2406,
16.2140


255.0000, 0.0000,
0.0000


 208.2130, 0.3880,
15.5992

 180.8000, 0.0986,
15.0844

 153.8000, 0.0986,
15.0844

 127.5010, 0.2460,
14.4696

 102.7890, 0.1040,
13.3400

 78.4900, 0.2514,
12.7253

 55.6040, 0.6882,

12.6253

■ 33.8920, 0.5462,
11.4957

■ 10.4410, 1.2616,
15.3992

■ 236.5120, 0.2406,
16.2140

■ 236.5120, 0.2406,
16.2140

■ 220.0130, 0.4866,
30.6836

■ 253.0110, -0.0054,
1.7444

■ 202.8130, 0.5852,
45.7680

255.0000, 0.0000,
0.0000

■ 185.7270, 1.1206,
60.7524

■ 169.1140, 0.9298,
75.3220

■ 152.0280, 1.4652,
90.3064

■ 135.5290, 1.7112,
104.7761

■ 118.9160, 1.5204,
119.3457

■ 101.8300, 2.0558,
134.3301

■ 86.6190, 2.1598,
147.6701

Harmonies

Analogous

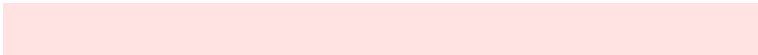
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.1350, 5.3564, 8.6516



236.5120, 0.2406, 16.2140



235.2580, -4.5642, 17.3137

Triad

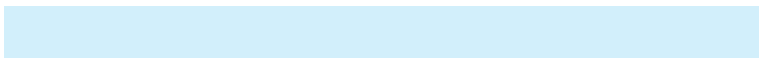
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.5120, 0.2406, 16.2140



232.8940, -9.3147, 0.9700



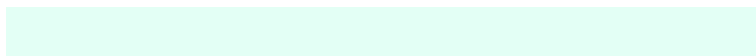
231.6970, 9.5164, -19.0283

Complementary

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



236.5120, 0.2406, 16.2140



245.4880, -0.2406, -16.2140

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.



230.3610, 5.7380, -20.4876



236.5120, 0.2406, 16.2140



231.5660, -5.2090, -9.2664

Square

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



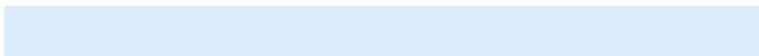
236.5120, 0.2406, 16.2140



234.0200, -10.3629, 10.5065



230.8900, 0.0542, -17.4435



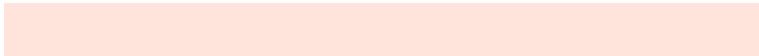
233.3820, 10.6577, -11.7360

Rectangle

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



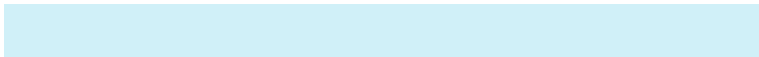
236.5120, 0.2406, 16.2140



235.1610, -7.4744, 17.3988



230.8900, 0.0542, -17.4435



231.3440, 8.2114, -20.4727

Sweetspot

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



236.5120, 0.2406, 16.2140



249.7340, 0.1311, 4.6183



235.5740, 9.5770, 8.2666



124.0220, -0.0108, 3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

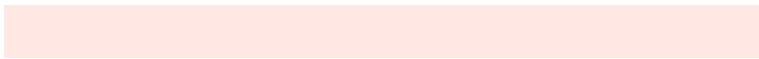
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.5120, 0.2406, 16.2140



233.2350, 0.3771, 19.0879



237.7200, -5.2850, 15.1546



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Inverse Universe

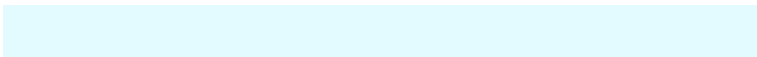
The Inverse Universe completely reimagines the original color for something new.



236.5120, 0.2406, 16.2140



233.2350, 0.3771, 19.0879



244.2800, 5.2850, -15.1546



119.3430, -0.1691, 7.5922



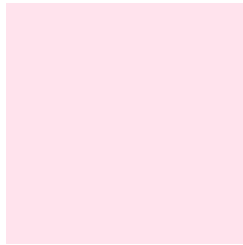
64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 236.5120, 0.2406, 16.2140 looks on a white background.

Color Contrast Check

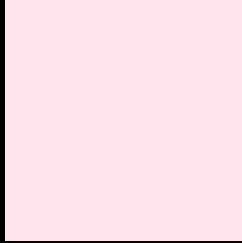
Large Text (above 18pt) WCAG AA × Fail

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 236.5120, 0.2406, 16.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

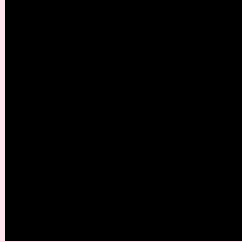
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.5120, 0.2406, 16.2140

Background



This preview shows how black text looks on a background with the YUV color 236.5120, 0.2406, 16.2140.

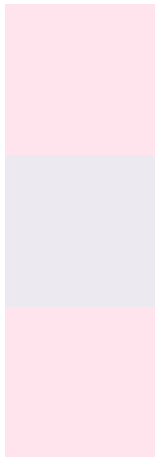


This preview shows how white text looks on a background with the YUV color 236.5120, 0.2406,

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

236.5120, 0.2406, 16.2140

Protanopia

234.6950, 2.6154, 1.1445

Deuteranopia

236.5120, 0.2406, 16.2140



Tritanopia

236.6090, 3.1508, 16.1289

Trichromacy



Original Color

236.5120, 0.2406, 16.2140

Protanomaly

235.5000, 1.7255, 6.5775

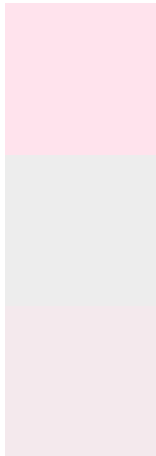
Deuteranomaly

236.5120, 0.2406, 16.2140

Tritanomaly

236.3810, 2.2772, 16.3289

Monochromacy



Original Color

236.5120, 0.2406, 16.2140

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.5120, 0.2406, 16.2140 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, 227, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 237)  
}
```

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, 227, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 237) }
```

Border

The CSS property to change the border of an element to YUV 236.5120, 0.2406, 16.2140 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, 227, 237) }
```


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

```
.border{ border-color:rgb(255, 227, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 236.5120, 0.2406, 16.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 237) }
```

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

```
.background{ background-color: rgb(255,  
227, 237) }
```

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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