

Converting Colors

YUV(236.7230, 3.5876, 16.0289)

Have a look what the booklet for
YUV(236.7230, 3.5876, 16.0289)
contains.

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Color

**YUV(236.7230, 3.5876,
16.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2F4
RGB	255, 226, 244
RGB Percent	100%, 89%, 96%
CMY	0.0000, 0.1137, 0.0431
CMYK	0.00, 0.11, 0.04, 0.00
HSL	323°, 100%, 94%
HSV	323°, 11%, 100%
XYZ	84.7655, 82.1844, 96.9835
YIQ	236.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

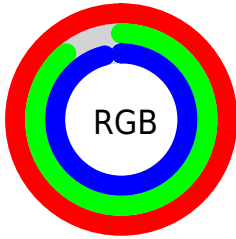
Format	Color
R_{YB}	255, 226, 244
Decimal	16769780
CIE _{Lab}	92.66, 12.93, -5.09
CIE _{LCh}	93, 13.900, 338.506
Yxy	82.1844, 0.3212, 0.3114
Android (android.graphics.Color)	4294959860 (0xFFFFE2F4)
YUV	236.7230, 3.5876, 16.0289
Hunter-Lab	90.6556, 8.2552, 0.0304

Details

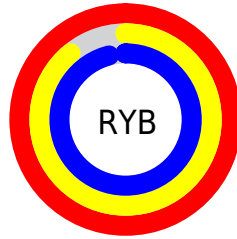
The YUV color $236.7230, 3.5876, 16.0289$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $244.2770, -3.5876, -16.0289$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.0110, 3.4456, 14.8994$ is the 20% darker color. If you saturate the color by 10%, you get $220.9080, 6.4544, 29.8987$, and if you desaturate by 10%, it is $252.5380, 0.7208, 2.1592$.

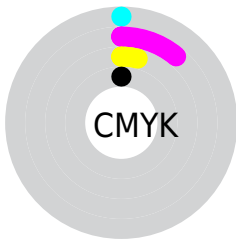
Distribution



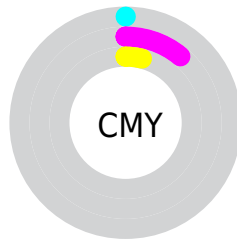
- Red (100%)
- Green (89%)
- Blue (96%)



- Red (100%)
- Yellow (89%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.7230, 3.5876, 16.0289 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 236.7230, 3.5876, 16.0289 by changing the saturation by 10% instead.


 236.7230, 3.5876,
16.0289

 236.7230, 3.5876,
16.0289

255.0000, 0.0000,
0.0000

 208.4240, 3.7350,
15.4142

 181.0110, 3.4456,
14.8994

 154.0110, 3.4456,
14.8994

 127.7120, 3.5930,
14.2846

 102.8860, 3.0142,
13.2550

 78.8860, 3.0142,
13.2550

 55.5870, 3.1616,

12.6402

■ 33.8750, 3.0196,
11.5106

■ 10.6520, 4.6086,
15.2142

■ 236.7230, 3.5876,
16.0289

■ 236.7230, 3.5876,
16.0289

■ 220.9080, 6.4544,
29.8987

■ 252.5380, 0.7208,
2.1592

■ 204.6200, 10.0473,
44.1833

255.0000, 0.0000,
0.0000

■ 188.2180, 13.2035,
58.5678

■ 172.4030, 16.0703,
72.4376

■ 156.1150, 19.6633,
86.7221

■ 140.3000, 22.5301,
100.5919

■ 124.4850, 25.3969,
114.4617

■ 108.1970, 28.9899,
128.7462

■ 94.2570, 31.4253,
140.9716

Harmonies

Analogous

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



235.5520, 9.5879, 4.7779



236.7230, 3.5876, 16.0289



234.5400, -2.2382, 17.9434

Triad

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



236.7230, 3.5876, 16.0289



233.1290, -12.3886, 6.9029



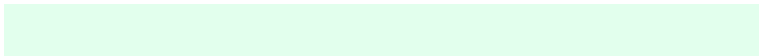
230.0660, 9.8275, -25.4909

Complementary

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



236.7230, 3.5876, 16.0289



244.2770, -3.5876, -16.0289

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.



229.4700, 3.7123, -24.0912



236.7230, 3.5876, 16.0289



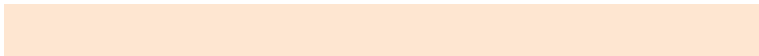
231.5620, -9.1511, -4.8779

Square

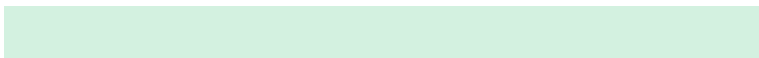
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



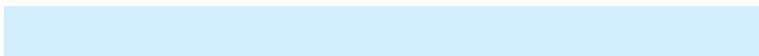
236.7230, 3.5876, 16.0289



234.7820, -12.7105, 16.8542



230.0920, -3.0034, -16.7437



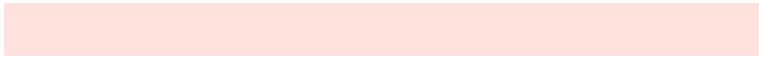
231.5660, 11.5530, -18.9134

Rectangle

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



236.7230, 3.5876, 16.0289



234.2150, -6.0220, 18.2284



230.0920, -3.0034, -16.7437



229.3110, 8.2277, -25.7057

Sweetspot

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



236.7230, 3.5876, 16.0289



249.9620, 1.0047, 4.4183



232.5950, 11.0457, 3.8632



124.2500, 0.8628, 3.2887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

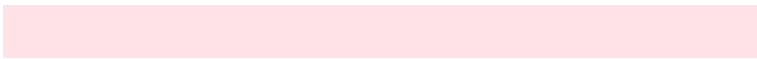
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.7230, 3.5876, 16.0289



232.2720, 4.3029, 19.9325



235.1270, -2.5276, 17.4286



119.7990, 1.5781, 7.1923



70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Inverse Universe

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



236.7230, 3.5876, 16.0289



232.2720, 4.3029, 19.9325



245.8730, 2.5276, -17.4286



119.7990, 1.5781, 7.1923



70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 236.7230, 3.5876, 16.0289 looks on a white background.

Color Contrast Check

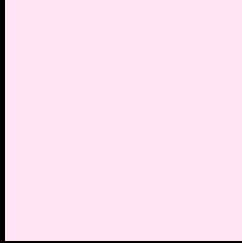
Large Text (above 18pt) WCAG AA × Fail

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 236.7230, 3.5876, 16.0289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

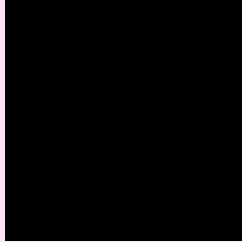
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.7230, 3.5876, 16.0289

Background



This preview shows how black text looks on a background with the YUV color 236.7230, 3.5876, 16.0289.



This preview shows how white text looks on a background with the YUV color 236.7230, 3.5876,

16.0289.

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

236.7230, 3.5876, 16.0289

Protanopia

235.0090, 6.4046, -0.8849

Deuteranopia

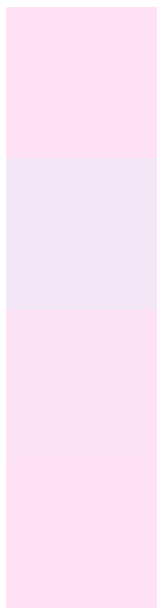
236.4130, 3.7404, 13.6698



Tritanopia

236.7230, 3.5876, 16.0289

Trichromacy



Original Color

236.7230, 3.5876, 16.0289

Protanomaly

235.5260, 5.6567, 5.6777

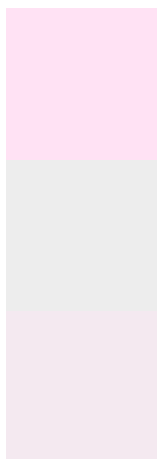
Deuteranomaly

236.7120, 3.5930, 14.2846

Tritanomaly

236.7230, 3.5876, 16.0289

Monochromacy



Original Color

236.7230, 3.5876, 16.0289

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.7230, 3.5876, 16.0289 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, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 244)  
}
```

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, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 244) }
```

Border

The CSS property to change the border of an element to YUV 236.7230, 3.5876, 16.0289 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, 226, 244) }
```


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

```
.border{ border-color:rgb(255, 226, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 236.7230, 3.5876, 16.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 244) }
```

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

```
.background{ background-color: rgb(255,  
226, 244) }
```

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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