

Converting Colors

YUV(236.0000, 3.4510, 13.1550)

Have a look what the booklet for
YUV(236.0000, 3.4510, 13.1550)
contains.

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Color

**YUV(236.0000, 3.4510,
13.1550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FBE3F3 |
| RGB | 251, 227, 243 |
| RGB Percent | 98%, 89%, 95% |
| CMY | 0.0157, 0.1098, 0.0471 |
| CMYK | 0.00, 0.10, 0.03, 0.02 |
| HSL | 320°, 75%, 94% |
| HSV | 320°, 10%, 98% |
| XYZ | 83.4304, 81.9185, 96.2086 |
| YIQ | 236.0000, 9.1680, 10.0640 |

Conversions

Conversions Part 2

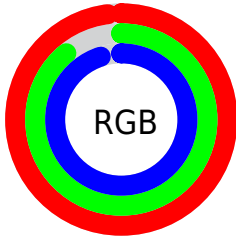
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 251, 227, 243 |
| Decimal | 16507891 |
| CIE Lab | 92.54, 10.90, -4.78 |
| CIE LCh | 93, 11.902, 336.312 |
| Yxy | 81.9185, 0.3190, 0.3132 |
| Android (android.graphics.Color) | 4294697971 (0xFFFFBE3F3) |
| YUV | 236.0000, 3.4510, 13.1550 |
| Hunter-Lab | 90.5088, 6.1496, 0.3324 |

Details

The YUV color $236.0000, 3.4510, 13.1550$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.0000, -3.4510, -13.1550$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.2880, 3.3090, 12.0254$ is the 20% darker color. If you saturate the color by 10%, you get $220.4130, 7.1914, 26.8248$, and if you desaturate by 10%, it is $251.5870, -0.2894, -0.5148$.

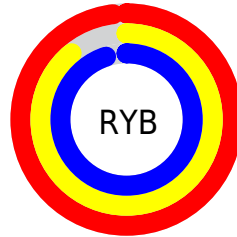
Distribution



Red (98%)

Green (89%)

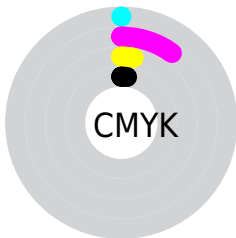
Blue (95%)



Red (98%)

Yellow (89%)

Blue (95%)

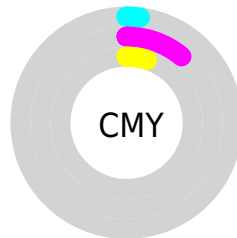


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 236.0000, 3.4510, 13.1550 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 236.0000, 3.4510, 13.1550 by changing the saturation by 10% instead.


 236.0000, 3.4510,
13.1550


 236.0000, 3.4510,
13.1550

255.0000, 0.0000,
0.0000


 207.7010, 3.5984,
12.5402

 180.2880, 3.3090,
12.0254

 153.2880, 3.3090,
12.0254

 127.2880, 3.3090,
12.0254

 102.5760, 3.1670,
10.8958

 78.1630, 2.8776,
10.3810

 55.1630, 2.8776,

10.3810

■ 33.4510, 2.7357,
9.2515

■ 10.2280, 4.3246,
12.9550

■ 236.0000, 3.4510,
13.1550

■ 236.0000, 3.4510,
13.1550

■ 220.4130, 7.1914,
26.8248

■ 251.5870, -0.2894,
-0.5148

■ 204.7120, 10.4950,
40.5946

■ 253.8040, 0.5896,
-2.4591

■ 189.1250, 14.2354,
54.2644

■ 173.5380, 17.9758,
67.9342

■ 157.8370, 21.2794,
81.7040

■ 141.6630, 25.3091,
95.8885

■ 125.9620, 28.6127,
109.6583

■ 110.3750, 32.3531,
123.3281

■ 94.7880, 36.0935,
136.9979

Harmonies

Analogous

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



235.1990, 8.2829, 3.3335



236.0000, 3.4510, 13.1550



235.2410, -2.0908, 17.3286

Triad

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



236.0000, 3.4510, 13.1550



233.4710, -11.0782, 6.6029



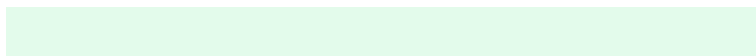
230.6320, 8.0694, -21.6023

Complementary

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



236.0000, 3.4510, 13.1550



242.0000, -3.4510, -13.1550

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.



230.2640, 2.8278, -20.4025



236.0000, 3.4510, 13.1550



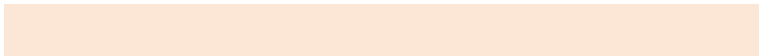
231.5020, -8.1355, -3.9483

Square

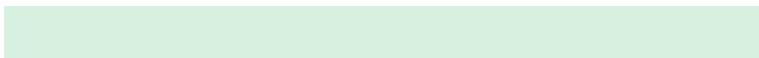
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



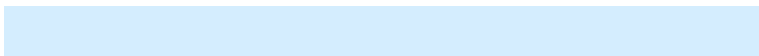
236.0000, 3.4510, 13.1550



234.6400, -10.6685, 15.2247



230.7010, -3.3036, -13.7698



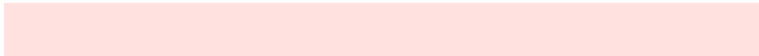
231.4630, 11.1107, -17.0691

Rectangle

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



236.0000, 3.4510, 13.1550



234.4430, -5.1484, 18.0285



230.7010, -3.3036, -13.7698



229.8770, 6.4696, -21.8171

Sweetspot

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



236.0000, 3.4510, 13.1550



249.9620, 1.0047, 4.4183



232.1280, 9.3039, 2.5187



124.2500, 0.8628, 3.2887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

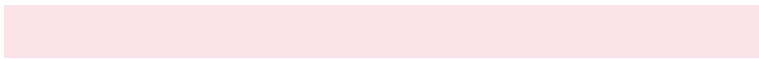
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.0000, 3.4510, 13.1550



237.5380, 4.1718, 15.3142



234.6320, -1.7906, 14.3547



116.9130, 2.0149, 7.0923



70.8750, 27.1766, 103.5956



22.9130, 8.9169, 33.4023

Inverse Universe

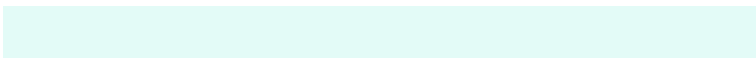
The Inverse Universe completely reimagines the original color for something new.



236.0000, 3.4510, 13.1550



237.5380, 4.1718, 15.3142



243.3680, 1.7906, -14.3547



116.9130, 2.0149, 7.0923



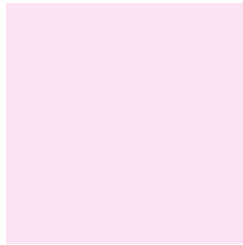
70.8750, 27.1766, 103.5956



22.9130, 8.9169, 33.4023

Previews

White Background



This preview shows how the YUV color 236.0000, 3.4510, 13.1550 looks on a white background.

Color Contrast Check

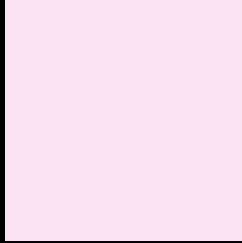
Large Text (above 18pt) WCAG AA × Fail

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 236.0000, 3.4510, 13.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

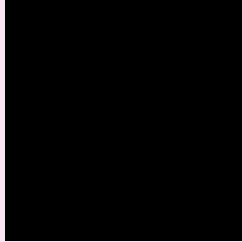
Any Text WCAG AA ✓ Pass

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 236.0000, 3.4510, 13.1550 Background



This preview shows how black text looks on a background with the YUV color 236.0000, 3.4510, 13.1550.



This preview shows how white text looks on a background with the YUV color 236.0000, 3.4510,

13.1550.

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

236.0000, 3.4510, 13.1550

Protanopia

234.1940, 5.8204, -0.1701

Deuteranopia

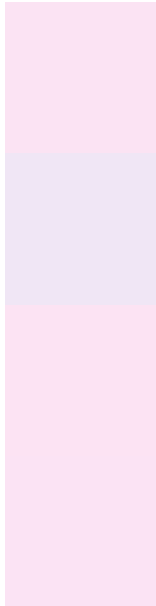
236.2990, 3.3036, 13.7698



Tritanopia

236.2280, 4.3246, 12.9550

Trichromacy



Original Color

236.0000, 3.4510, 13.1550

Protanomaly

234.7000, 5.0779, 4.6481

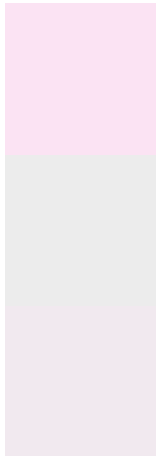
Deuteranomaly

236.2990, 3.3036, 13.7698

Tritanomaly

236.1140, 3.8878, 13.0550

Monochromacy



Original Color

236.0000, 3.4510, 13.1550

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0000, 3.4510, 13.1550 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, 227, 243)` looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 243)  
}
```

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, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 243) }
```

Border

The CSS property to change the border of an element to YUV 236.0000, 3.4510, 13.1550 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, 227, 243) }
```


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

```
.border{ border-color:rgb(251, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 236.0000, 3.4510, 13.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 243) }
```

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

```
.background{ background-color: rgb(251,  
227, 243) }
```

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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