

Converting Colors

YUV(226.1310, 1.4144, 13.0401)

Have a look what the booklet for
YUV(226.1310, 1.4144, 13.0401)
contains.

YUV(226.1310, 1.4144, 13.0401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(226.1310, 1.4144,
13.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DAE5
RGB	241, 218, 229
RGB Percent	95%, 85%, 90%
CMY	0.0549, 0.1451, 0.1020
CMYK	0.00, 0.10, 0.05, 0.05
HSL	331°, 45%, 90%
HSV	331°, 10%, 95%
XYZ	75.4899, 74.5007, 84.5301
YIQ	226.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

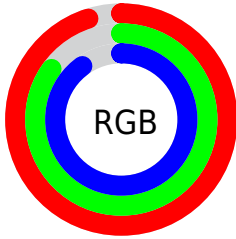
Format	Color
R _Y B	241, 218, 229
Decimal	15850213
CIE Lab	89.16, 9.77, -2.51
CIE LCh	89, 10.088, 345.612
Yxy	74.5007, 0.3219, 0.3177
Android (android.graphics.Color)	4294040293 (0xFFFF1DAE5)
YUV	226.1310, 1.4144, 13.0401
Hunter-Lab	86.3138, 5.0666, 2.3549

Details

The YUV color $226.1310, 1.4144, 13.0401$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.8690, -1.4144, -13.0401$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.8320, 1.5618, 12.4253$ is the 20% darker color. If you saturate the color by 10%, you get $210.5610, 2.6814, 26.6950$, and if you desaturate by 10%, it is $241.7010, 0.1474, -0.6148$.

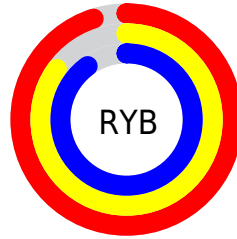
Distribution



Red (95%)

Green (85%)

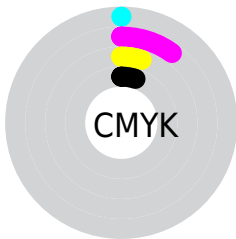
Blue (90%)



Red (95%)

Yellow (85%)

Blue (90%)

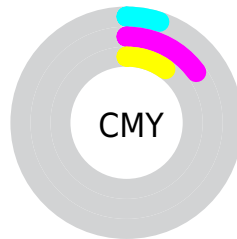


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (5%)



Cyan (5%)


Magenta (15%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 226.1310, 1.4144, 13.0401 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 226.1310, 1.4144, 13.0401 by changing the saturation by 10% instead.

 226.1310, 1.4144,
13.0401

 226.1310, 1.4144,
13.0401


255.0000, 0.0000,
0.0000


 198.1310, 1.4144,
13.0401

 170.8320, 1.5618,
12.4253

 144.4190, 1.2724,
11.9105

 118.4190, 1.2724,
11.9105

 93.8210, 1.5672,
10.6810

 70.4080, 1.2779,
10.1662

 47.9950, 0.9885,

9.6514

■ 26.6960, 1.1359,
9.0366

■ 4.5280, -0.7533,
8.3069

■ 226.1310, 1.4144,
13.0401

■ 226.1310, 1.4144,
13.0401

■ 210.5610, 2.6814,
26.6950

■ 241.7010, 0.1474,
-0.6148

■ 195.1050, 4.3852,
40.2499

■ 250.7000, 1.6269,
-8.5069

■ 179.5350, 5.6522,
53.9048

■ 250.8140, 2.0637,
-8.6069

■ 164.0790, 7.3561,
67.4597

■ 148.5090, 8.6231,
81.1146

■ 132.4660, 10.6163,
95.1843

■ 116.8960, 11.8833,
108.8392

■ 101.3260, 13.1503,
122.4941

■ 85.8700, 14.8541,
136.0490

Harmonies

Analogous

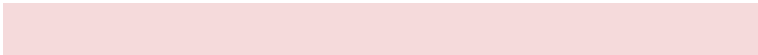
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.5260, 5.6567, 5.6777



226.1310, 1.4144, 13.0401



226.1870, -3.5432, 16.4990

Triad

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



226.1310, 1.4144, 13.0401



223.3180, -9.0308, 3.2291



221.8390, 7.4744, -17.3988

Complementary

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



226.1310, 1.4144, 13.0401



232.8690, -1.4144, -13.0401

Split Complementary

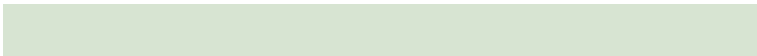
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.2150, 3.8380, -17.7286



226.1310, 1.4144, 13.0401



222.0610, -5.9461, -6.1925

Square

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



226.1310, 1.4144, 13.0401



224.6610, -9.1999, 10.8213



220.9830, -0.9776, -13.1401



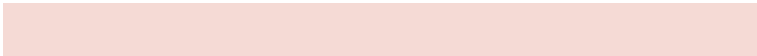
222.7410, 9.4947, -12.0509

Rectangle

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



226.1310, 1.4144, 13.0401



225.5030, -6.1640, 17.0989



220.9830, -0.9776, -13.1401



221.3120, 6.7482, -17.8136

Sweetspot

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



226.1310, 1.4144, 13.0401



249.8480, 0.5679, 4.5183



224.2100, 8.2775, 5.0778



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.



226.1310, 1.4144, 13.0401



236.8540, 1.5510, 15.9140



224.8770, -3.3904, 14.1399



112.2720, 0.8519, 6.7775



65.0480, 11.3153, 104.3209



19.8220, 3.5388, 31.7281

Inverse Universe

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



226.1310, 1.4144, 13.0401



236.8540, 1.5510, 15.9140



234.1230, 3.3904, -14.1399



112.2720, 0.8519, 6.7775



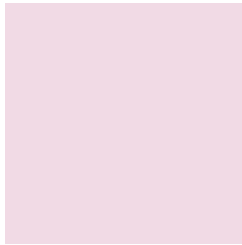
65.0480, 11.3153, 104.3209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 226.1310, 1.4144, 13.0401 looks on a white background.

Color Contrast Check

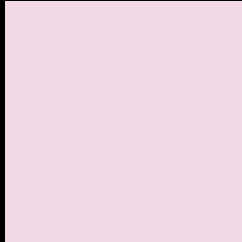
Large Text (above 18pt) WCAG AA × Fail

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 226.1310, 1.4144, 13.0401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

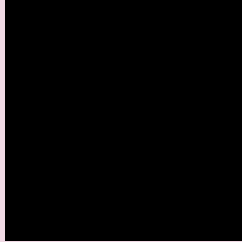
Any Text WCAG AA ✓ Pass

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 226.1310, 1.4144, 13.0401 Background



This preview shows how black text looks on a background with the YUV color 226.1310, 1.4144, 13.0401.

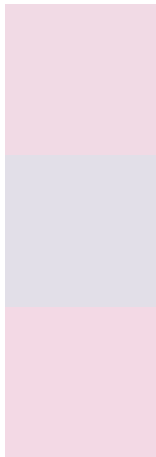


This preview shows how white text looks on a background with the YUV color 226.1310, 1.4144,

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

226.1310, 1.4144, 13.0401

Protanopia

224.9230, 3.4890, 0.9445

Deuteranopia

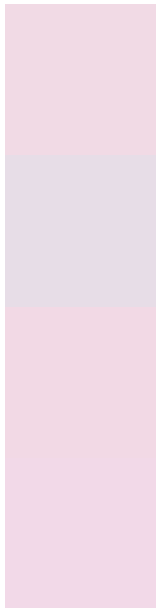
226.1420, 1.4090, 14.7845



Tritanopia

226.4130, 3.7404, 13.6698

Trichromacy



Original Color

226.1310, 1.4144, 13.0401

Protanomaly

225.1300, 2.8939, 5.1480

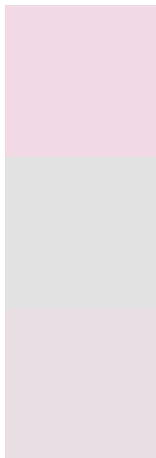
Deuteranomaly

225.8430, 1.5564, 14.1697

Tritanomaly

226.1850, 2.8668, 13.8698

Monochromacy



Original Color

226.1310, 1.4144, 13.0401

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.1310, 1.4144, 13.0401 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(241, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 229)  
}
```

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(241, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 229) }
```

Border

The CSS property to change the border of an element to YUV 226.1310, 1.4144, 13.0401 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(241, 218, 229) }
```


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

```
.border{ border-color:rgb(241, 218, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 218, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 218, 229); box-shadow:4px 4px 4px 4px rgb(241, 218, 229) }
```

Background

The CSS property to change the background color of an element to YUV 226.1310, 1.4144, 13.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 229) }
```

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

```
.background{ background-color: rgb(241,  
218, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor