

Converting Colors

YUV(229.0170, 0.9776, 13.1401)

Have a look what the booklet for
YUV(229.0170, 0.9776, 13.1401)
contains.

YUV(229.0170, 0.9776, 13.1401)	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(229.0170, 0.9776,
13.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DDE7
RGB	244, 221, 231
RGB Percent	96%, 87%, 91%
CMY	0.0431, 0.1333, 0.0941
CMYK	0.00, 0.09, 0.05, 0.04
HSL	334°, 51%, 91%
HSV	334°, 9%, 96%
XYZ	77.5885, 76.7155, 86.3195
YIQ	229.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

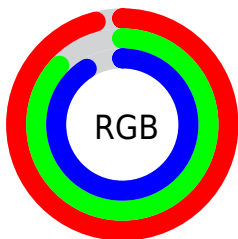
Format	Color
RYB	244, 221, 231
Decimal	16047591
CIELab	90.19, 9.58, -2.02
CIElCh	90, 9.785, 348.113
Yxy	76.7155, 0.3224, 0.3188
Android (android.graphics.Color)	4294237671 (0xFFFF4DDE7)
YUV	229.0170, 0.9776, 13.1401
Hunter-Lab	87.5874, 4.8446, 2.8794

Details

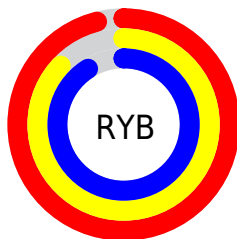
The YUV color $229.0170, 0.9776, 13.1401$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $235.9830, -0.9776, -13.1401$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.6040, 0.6882, 12.6253$ is the 20% darker color. If you saturate the color by 10%, you get $213.3330, 1.8078, 26.8950$, and if you desaturate by 10%, it is $244.7010, 0.1474, -0.6148$.

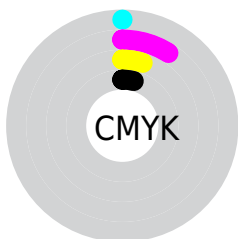
Distribution



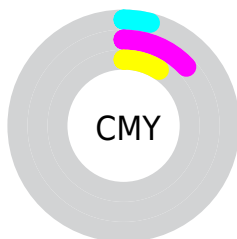
- Red (96%)
- Green (87%)
- Blue (91%)



- Red (96%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.0170, 0.9776, 13.1401 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 229.0170, 0.9776, 13.1401 by changing the saturation by 10% instead.

229.0170, 0.9776,
13.1401

229.0170, 0.9776,
13.1401

255.0000, 0.0000,
0.0000

201.0170, 0.9776,
13.1401

173.6040, 0.6882,
12.6253

147.3050, 0.8356,
12.0105

121.0060, 0.9830,
11.3957

96.5930, 0.6937,
10.8809

72.5930, 0.6937,
10.8809

49.9950, 0.9885,

9.6514

■ 28.6960, 1.1359,
9.0366

■ 6.6640, -0.3274,
11.6957

■ 229.0170, 0.9776,
13.1401

■ 229.0170, 0.9776,
13.1401

■ 213.3330, 1.8078,
26.8950

■ 244.7010, 0.1474,
-0.6148

■ 197.0620, 2.9274,
41.1646

■ 251.7110, 1.6215,
-6.7625

■ 181.4920, 4.1944,
54.8195

■ 165.2210, 5.3140,
69.0892

■ 149.5370, 6.1443,
82.8441

■ 133.8530, 6.9745,
96.5989

■ 117.5820, 8.0941,
110.8686

■ 102.0120, 9.3611,
124.5235

■ 85.7410, 10.4807,
138.7931

Harmonies

Analogous

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



228.7110, 5.0725, 6.3925



229.0170, 0.9776, 13.1401



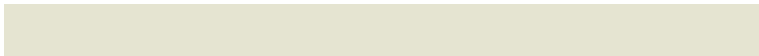
229.0730, -3.9800, 16.5990

Triad

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



229.0170, 0.9776, 13.1401



226.1330, -8.4466, 2.5144



224.5510, 7.6164, -16.2692

Complementary

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



229.0170, 0.9776, 13.1401



235.9830, -0.9776, -13.1401

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.



224.2150, 3.8380, -17.7286



229.0170, 0.9776, 13.1401



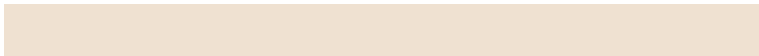
225.1750, -5.5093, -6.2925

Square

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



229.0170, 0.9776, 13.1401



227.3620, -9.0525, 10.2065



224.0970, -0.5408, -13.2401



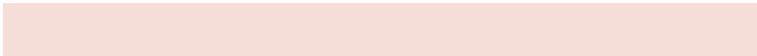
226.0400, 9.3473, -11.4361

Rectangle

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



229.0170, 0.9776, 13.1401



228.7910, -6.3060, 15.9693



224.0970, -0.5408, -13.2401



224.6110, 6.6008, -17.1988

Sweetspot

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



229.0170, 0.9776, 13.1401



249.8480, 0.5679, 4.5183



227.5090, 8.1301, 5.6926



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.



229.0170, 0.9776, 13.1401



236.7400, 1.1142, 16.0140



228.4640, -3.6798, 13.6251



114.1580, 0.4151, 6.8774



64.8480, 7.9629, 106.2503



20.6050, 2.6597, 33.6724

Inverse Universe

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



229.0170, 0.9776, 13.1401



236.7400, 1.1142, 16.0140



236.5360, 3.6798, -13.6251



114.1580, 0.4151, 6.8774



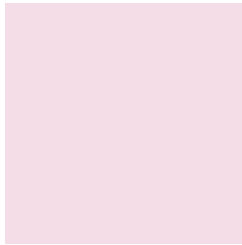
64.8480, 7.9629, 106.2503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 229.0170, 0.9776, 13.1401 looks on a white background.

Color Contrast Check

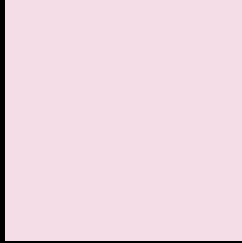
Large Text (above 18pt) WCAG AA × Fail

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 229.0170, 0.9776, 13.1401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

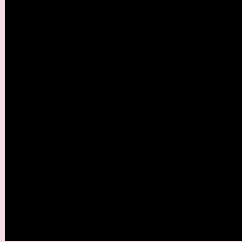
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 229.0170, 0.9776, 13.1401

Background



This preview shows how black text looks on a background with the YUV color 229.0170, 0.9776, 13.1401.

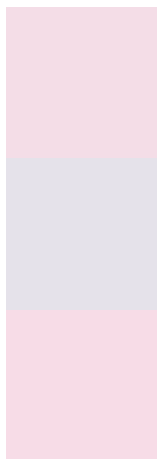


This preview shows how white text looks on a background with the YUV color 229.0170, 0.9776,

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

229.0170, 0.9776, 13.1401

Protanopia

227.8090, 3.0522, 1.0445

Deuteranopia

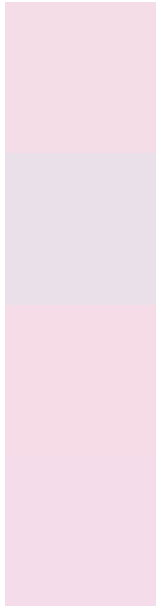
229.3270, 0.8248, 15.4992



Tritanopia

229.4130, 3.7404, 13.6698

Trichromacy



Original Color

229.0170, 0.9776, 13.1401

Protanomaly

228.0160, 2.4571, 5.2480

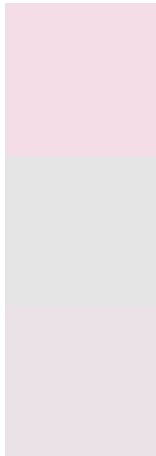
Deuteranomaly

229.0280, 0.9722, 14.8844

Tritanomaly

229.1850, 2.8668, 13.8698

Monochromacy



Original Color

229.0170, 0.9776, 13.1401

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.0170, 0.9776, 13.1401 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(244, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(244, 221, 231)  
}
```

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(244, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 221, 231) }
```

Border

The CSS property to change the border of an element to YUV 229.0170, 0.9776, 13.1401 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(244, 221, 231) }
```


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

```
.border{ border-color:rgb(244, 221, 231) }
```

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

Here you see how a box with a 4 pixel rgb(244, 221, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(244, 221,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 229.0170, 0.9776, 13.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 221, 231) }
```

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

```
.background{ background-color: rgb(244,  
221, 231) }
```

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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