

Converting Colors

YUV(232.8760, 1.5401, 19.4027)

Have a look what the booklet for
YUV(232.8760, 1.5401, 19.4027)
contains.

YUV(232.8760, 1.5401, 19.4027)	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(232.8760, 1.5401,
19.4027)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDEC
RGB	255, 221, 236
RGB Percent	100%, 87%, 93%
CMY	0.0000, 0.1333, 0.0745
CMYK	0.00, 0.13, 0.07, 0.00
HSL	334°, 100%, 93%
HSV	334°, 13%, 100%
XYZ	82.2368, 79.0290, 90.2767
YIQ	232.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

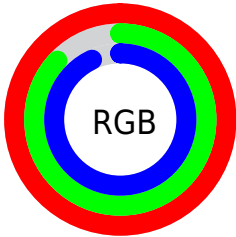
Format	Color
R_{YB}	255, 221, 236
Decimal	16768492
CIE _{Lab}	91.25, 14.17, -2.98
CIE _{LCh}	91, 14.481, 348.125
Yxy	79.0290, 0.3269, 0.3142
Android (android.graphics.Color)	4294958572 (0xFFFFDDEC)
YUV	232.8760, 1.5401, 19.4027
Hunter-Lab	88.8983, 9.5523, 2.0195

Details

The YUV color $232.8760, 1.5401, 19.4027$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $243.1240, -1.5401, -19.4027$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.1640, 1.3981, 18.2732$ is the 20% darker color. If you saturate the color by 10%, you get $216.6050, 2.6597, 33.6724$, and if you desaturate by 10%, it is $249.7340, 0.1311, 4.6183$.

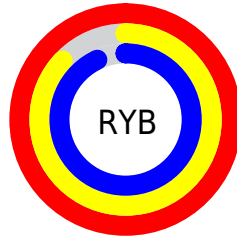
Distribution



Red (100%)

Green (87%)

Blue (93%)



Red (100%)

Yellow (87%)

Blue (93%)

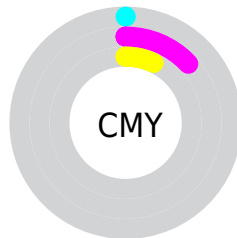


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.8760, 1.5401, 19.4027 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 232.8760, 1.5401, 19.4027 by changing the saturation by 10% instead.


 232.8760, 1.5401,
19.4027

 232.8760, 1.5401,
19.4027


255.0000, 0.0000,
0.0000


 204.5770, 1.6875,
18.7880

 177.1640, 1.3981,
18.2732

 150.1640, 1.3981,
18.2732

 124.5660, 1.6930,
17.0436

 99.2670, 1.8404,
16.4288

 75.5550, 1.6984,
15.2993

 52.2560, 1.8458,

14.6845

■ 30.5440, 1.7038,
13.5549

■ 9.7400, 1.1142,
16.0140

■ 232.8760, 1.5401,
19.4027

■ 232.8760, 1.5401,
19.4027

■ 216.6050, 2.6597,
33.6724

■ 249.7340, 0.1311,
4.6183

■ 199.7470, 4.0687,
48.4569

255.0000, 0.0000,
0.0000

■ 183.3620, 4.7515,
62.8265

■ 166.5040, 6.1605,
77.6110

■ 150.2330, 7.2801,
91.8807

■ 133.3750, 8.6891,
106.6651

■ 116.9900, 9.3719,
121.0348

■ 100.1320, 10.7809,
135.8192

■ 89.1270, 11.7694,
145.4706

Harmonies

Analogous

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



232.5310, 8.1192, 9.1813



232.8760, 1.5401, 19.4027



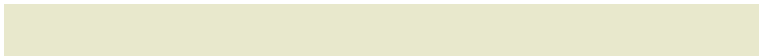
231.2800, -4.5750, 20.8024

Triad

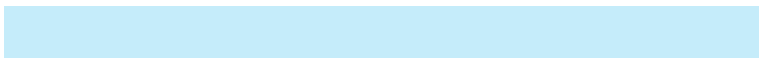
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.8760, 1.5401, 19.4027



228.8080, -12.2303, 2.7994



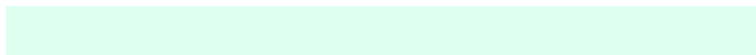
225.9350, 11.8640, -25.3760

Complementary

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



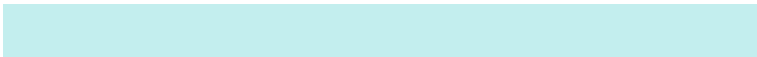
232.8760, 1.5401, 19.4027



243.1240, -1.5401, -19.4027

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.



225.1430, 6.3385, -26.4354



232.8760, 1.5401, 19.4027



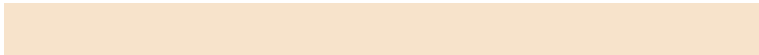
227.1700, -7.9718, -9.7961

Square

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



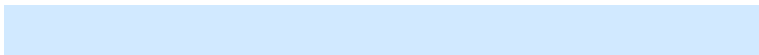
232.8760, 1.5401, 19.4027



230.2440, -13.4313, 14.6950



225.6400, -0.8085, -20.7323



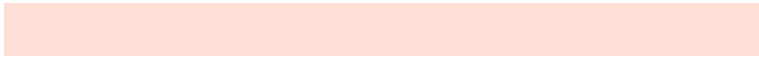
228.3320, 13.1473, -16.9542

Rectangle

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



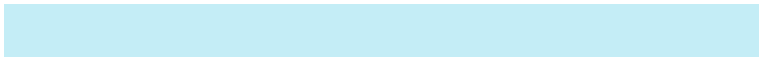
232.8760, 1.5401, 19.4027



230.8410, -8.7956, 21.1874



225.6400, -0.8085, -20.7323



225.7670, 9.9749, -26.1057

Sweetspot

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



232.8760, 1.5401, 19.4027



248.4460, 0.2731, 5.7479



230.5570, 12.0504, 8.2815



123.4350, 0.2785, 4.0035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

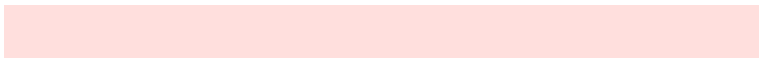
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.8760, 1.5401, 19.4027



228.3110, 1.8187, 23.4063



232.3400, -5.5906, 19.8728



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Inverse Universe

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



232.8760, 1.5401, 19.4027



228.3110, 1.8187, 23.4063



243.6600, 5.5906, -19.8728



119.4570, 0.2677, 7.4922



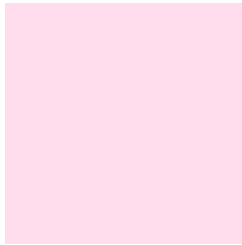
66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 232.8760, 1.5401, 19.4027 looks on a white background.

Color Contrast Check

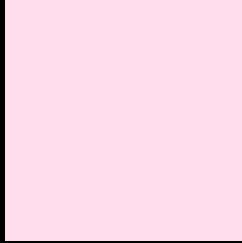
Large Text (above 18pt) WCAG AA × Fail

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 232.8760, 1.5401, 19.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

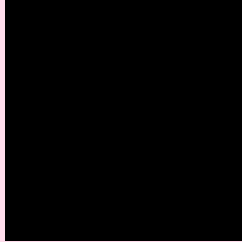
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.8760, 1.5401, 19.4027

Background



This preview shows how black text looks on a background with the YUV color 232.8760, 1.5401, 19.4027.

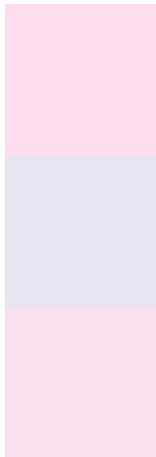


This preview shows how white text looks on a background with the YUV color 232.8760, 1.5401,

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

232.8760, 1.5401, 19.4027

Protanopia

230.9660, 4.9468, 0.0298

Deuteranopia

232.5550, 1.6984, 15.2993



Tritanopia

233.1040, 2.4137, 19.2028

Trichromacy



Original Color

232.8760, 1.5401, 19.4027

Protanomaly

231.6680, 3.6147, 7.3072

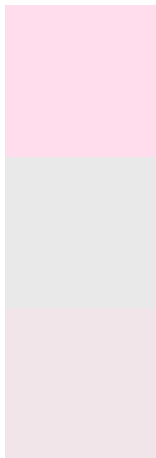
Deuteranomaly

232.5660, 1.6930, 17.0436

Tritanomaly

232.9900, 1.9769, 19.3028

Monochromacy



Original Color

232.8760, 1.5401, 19.4027

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.8760, 1.5401, 19.4027 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, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 236)  
}
```

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, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 236) }
```

Border

The CSS property to change the border of an element to YUV 232.8760, 1.5401, 19.4027 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, 221, 236) }
```


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

```
.border{ border-color:rgb(255, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 232.8760, 1.5401, 19.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 236) }
```

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

```
.background{ background-color: rgb(255,  
221, 236) }
```

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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