

Converting Colors

YUV(231.9470, 0.5191, 20.2175)

Have a look what the booklet for
YUV(231.9470, 0.5191, 20.2175)
contains.

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Color

**YUV(231.9470, 0.5191,
20.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCE9
RGB	255, 220, 233
RGB Percent	100%, 86%, 91%
CMY	0.0000, 0.1373, 0.0863
CMYK	0.00, 0.14, 0.09, 0.00
HSL	338°, 100%, 93%
HSV	338°, 14%, 100%
XYZ	81.5412, 78.3296, 87.9122
YIQ	231.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

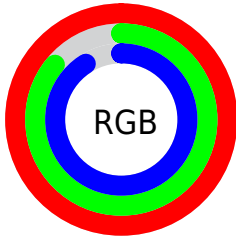
Format	Color
R _Y B	255, 220, 233
Decimal	16768233
CIE Lab	90.93, 14.19, -1.87
CIE LCh	91, 14.315, 352.485
Yxy	78.3296, 0.3291, 0.3161
Android (android.graphics.Color)	4294958313 (0xFFFFDCE9)
YUV	231.9470, 0.5191, 20.2175
Hunter-Lab	88.5040, 9.5750, 3.0592

Details

The YUV color $231.9470, 0.5191, 20.2175$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $243.0530, -0.5191, -20.2175$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.2350, 0.3771, 19.0879$ is the 20% darker color. If you saturate the color by 10%, you get $215.4480, 0.7651, 34.6871$, and if you desaturate by 10%, it is $249.0330, -0.0163, 5.2331$.

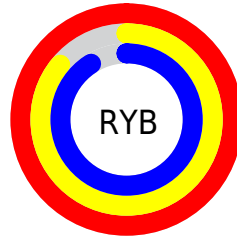
Distribution



Red (100%)

Green (86%)

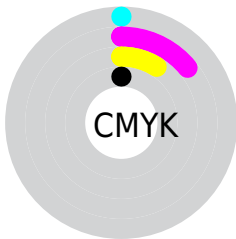
Blue (91%)



Red (100%)

Yellow (86%)

Blue (91%)

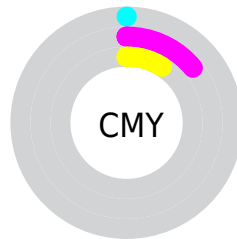


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.9470, 0.5191, 20.2175 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 231.9470, 0.5191, 20.2175 by changing the saturation by 10% instead.


 231.9470, 0.5191,
20.2175

 231.9470, 0.5191,
20.2175


255.0000, 0.0000,
0.0000


 203.6480, 0.6665,
19.6027

 176.2350, 0.3771,
19.0879

 149.9360, 0.5246,
18.4731

 123.6370, 0.6720,
17.8584

 98.3380, 0.8194,
17.2436

 74.6260, 0.6774,
16.1140

 51.9140, 0.5354,

14.9844

■ 30.3160, 0.8302,
13.7549

■ 9.3980, -0.1962,
16.3140

■ 231.9470, 0.5191,
20.2175

■ 231.9470, 0.5191,
20.2175

■ 215.4480, 0.7651,
34.6871

■ 249.0330, -0.0163,
5.2331

■ 198.3620, 1.3005,
49.6715

255.0000, 0.0000,
0.0000

■ 181.8630, 1.5465,
64.1411

■ 164.7770, 2.0819,
79.1256

■ 148.2780, 2.3279,
93.5952

■ 131.1920, 2.8633,
108.5796

■ 114.6930, 3.1094,
123.0492

■ 97.6070, 3.6447,
138.0337

■ 87.0750, 3.9070,
147.2702

Harmonies

Analogous

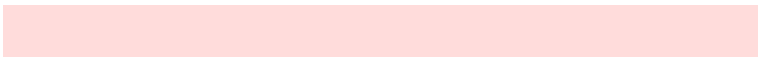
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.3140, 7.2402, 11.1256



231.9470, 0.5191, 20.2175



230.3510, -5.5960, 21.6172

Triad

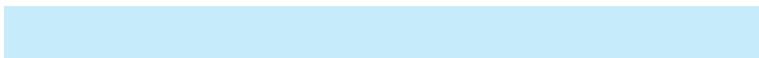
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9470, 0.5191, 20.2175



227.3240, -11.4987, 1.4699



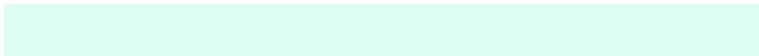
225.6470, 12.0060, -24.2464

Complementary

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



231.9470, 0.5191, 20.2175



243.0530, -0.5191, -20.2175

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.



224.3710, 7.2121, -26.6354



231.9470, 0.5191, 20.2175



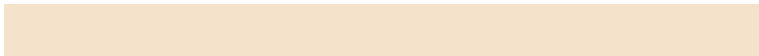
225.8000, -6.8034, -11.2256

Square

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



231.9470, 0.5191, 20.2175



229.2330, -13.4259, 12.9507



224.5690, 0.2125, -21.5470



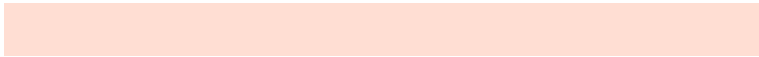
227.7560, 13.4313, -14.6950

Rectangle

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



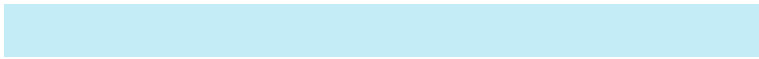
231.9470, 0.5191, 20.2175



230.6130, -9.6692, 21.3874



224.5690, 0.2125, -21.5470



225.2940, 10.7011, -25.6908

Sweetspot

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



231.9470, 0.5191, 20.2175



248.4460, 0.2731, 5.7479



230.5680, 12.0450, 10.0259



123.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

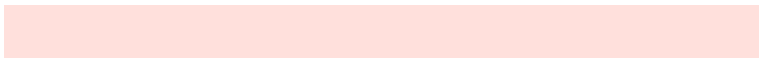
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9470, 0.5191, 20.2175



227.9690, 0.5083, 23.7062



232.8130, -6.3168, 19.4580



119.3430, -0.1691, 7.5922



65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Inverse Universe

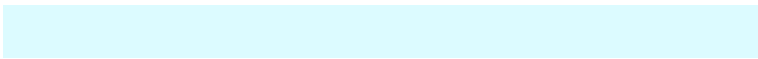
The Inverse Universe completely reimagines the original color for something new.



231.9470, 0.5191, 20.2175



227.9690, 0.5083, 23.7062



242.1870, 6.3168, -19.4580



119.3430, -0.1691, 7.5922



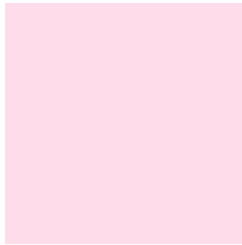
65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 231.9470, 0.5191, 20.2175 looks on a white background.

Color Contrast Check

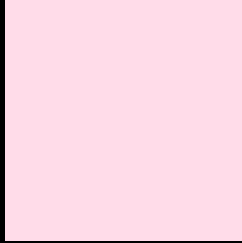
Large Text (above 18pt) WCAG AA × Fail

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 231.9470, 0.5191, 20.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

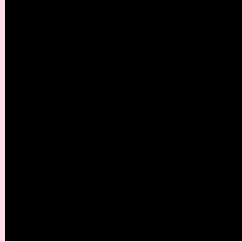
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.9470, 0.5191, 20.2175

Background



This preview shows how black text looks on a background with the YUV color 231.9470, 0.5191, 20.2175.

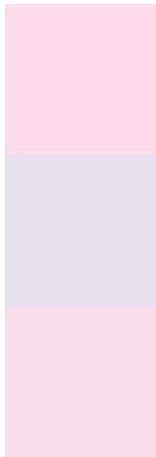


This preview shows how white text looks on a background with the YUV color 231.9470, 0.5191,

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

231.9470, 0.5191, 20.2175

Protanopia

230.0370, 3.9258, 0.8446

Deuteranopia

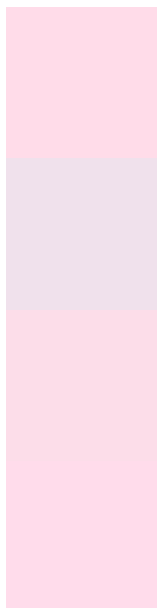
231.6260, 0.6774, 16.1140



Tritanopia

232.2890, 1.8295, 19.9175

Trichromacy



Original Color

231.9470, 0.5191, 20.2175

Protanomaly

230.7390, 2.5937, 8.1219

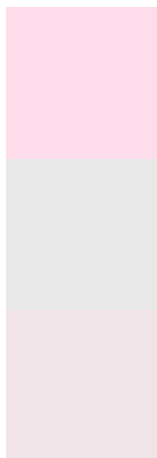
Deuteranomaly

231.6370, 0.6720, 17.8584

Tritanomaly

232.1750, 1.3927, 20.0175

Monochromacy



Original Color

231.9470, 0.5191, 20.2175

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.0440, -0.0217, 6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.9470, 0.5191, 20.2175 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, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 233)  
}
```

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, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 233) }
```

Border

The CSS property to change the border of an element to YUV 231.9470, 0.5191, 20.2175 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, 220, 233) }
```


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

```
.border{ border-color:rgb(255, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 231.9470, 0.5191, 20.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 233) }
```

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

```
.background{ background-color: rgb(255,  
220, 233) }
```

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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