

Converting Colors

YUV(231.9640, -1.9543,
20.2026)

Have a look what the booklet for
YUV(231.9640, -1.9543, 20.2026)
contains.

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Color

**YUV(231.9640, -1.9543,
20.2026)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE4
RGB	255, 221, 228
RGB Percent	100%, 87%, 89%
CMY	0.0000, 0.1333, 0.1059
CMYK	0.00, 0.13, 0.11, 0.00
HSL	348°, 100%, 93%
HSV	348°, 13%, 100%
XYZ	81.1000, 78.5743, 84.2907
YIQ	231.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

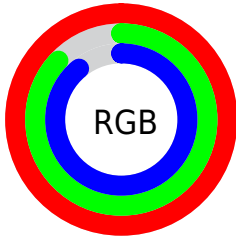
Format	Color
R _Y B	255, 221, 228
Decimal	16768484
CIE Lab	91.04, 12.85, 0.91
CIE LCh	91, 12.887, 4.063
Yxy	78.5743, 0.3324, 0.3221
Android (android.graphics.Color)	4294958564 (0xFFFFDDE4)
YUV	231.9640, -1.9543, 20.2026
Hunter-Lab	88.6422, 8.1885, 5.6701

Details

The YUV color $231.9640, -1.9543, 20.2026$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $244.0360, 1.9543, -20.2026$, 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 $176.3660, -1.6594, 18.9730$ is the 20% darker color. If you saturate the color by 10%, you get $215.0090, -3.4554, 35.0721$, and if you desaturate by 10%, it is $249.5060, -0.7425, 4.8182$.

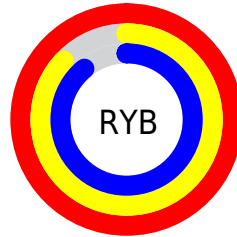
Distribution



Red (100%)

Green (87%)

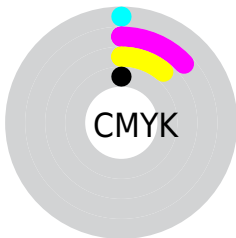
Blue (89%)



Red (100%)

Yellow (87%)

Blue (89%)

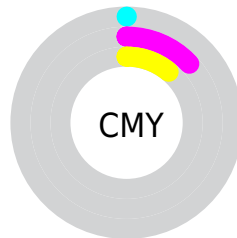


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.9640, -1.9543, 20.2026 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 231.9640, -1.9543, 20.2026 by changing the saturation by 10% instead.

231.9640, -1.9543,
20.2026

231.9640, -1.9543,
20.2026

255.0000, 0.0000,
0.0000

203.6650, -1.8068,
19.5878

176.3660, -1.6594,
18.9730

149.3660, -1.6594,
18.9730

123.6540, -1.8014,
17.8434

98.4690, -1.2172,
17.1287

74.7570, -1.3592,
15.9991

51.5720, -0.7750,

15.2844

■ 30.5610, -0.7696,
13.5400

■ 8.6000, -3.2538,
17.0138

■ 231.9640, -1.9543,
20.2026

■ 231.9640, -1.9543,
20.2026

■ 215.0090, -3.4554,
35.0721

■ 249.5060, -0.7425,
4.8182

■ 197.4670, -4.6672,
50.4564

255.0000, 0.0000,
0.0000

■ 180.3980, -6.6052,
65.4260

■ 162.8560, -7.8170,
80.8103

■ 145.9010, -9.3182,
95.6798

■ 128.3590,
-10.5300, 111.0642

■ 111.2900,
-12.4680, 126.0337

■ 93.7480, -13.6798,
141.4180

■ 82.2870, -14.4385,
151.4693

Harmonies

Analogous

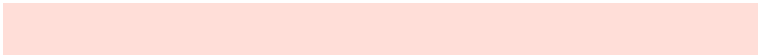
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.5270, 4.1772, 13.5698



231.9640, -1.9543, 20.2026



231.1830, -7.4852, 20.8875

Triad

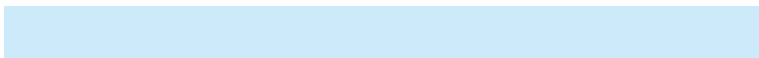
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9640, -1.9543, 20.2026



227.5730, -9.1565, -3.1335



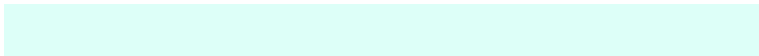
227.2670, 11.7004, -19.5282

Complementary

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



231.9640, -1.9543, 20.2026



244.0360, 1.9543, -20.2026

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.



225.7350, 8.5116, -23.4466



231.9640, -1.9543, 20.2026



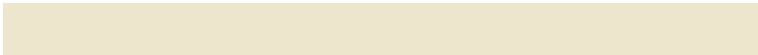
226.1740, -4.0298, -14.1846

Square

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



231.9640, -1.9543, 20.2026



228.9550, -11.8098, 7.9325



225.5520, 2.6859, -21.5321



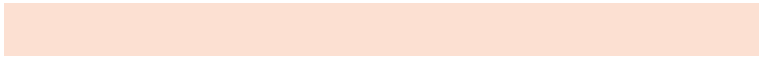
229.1480, 12.2520, -9.7768

Rectangle

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



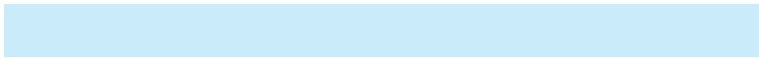
231.9640, -1.9543, 20.2026



230.7760, -10.2426, 18.6134



225.5520, 2.6859, -21.5321



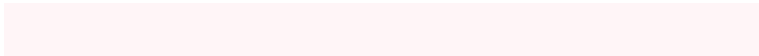
226.7290, 10.9796, -21.6873

Sweetspot

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



231.9640, -1.9543, 20.2026



248.2180, -0.6005, 5.9478



232.9490, 10.8711, 13.1997



123.2070, -0.5951, 4.2035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

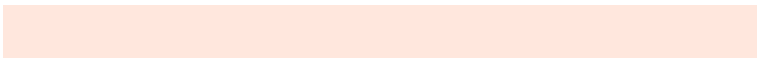
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.9640, -1.9543, 20.2026



227.2850, -2.1125, 24.3061



237.0360, -7.9057, 15.7544



119.1150, -1.0427, 7.7921



61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Inverse Universe

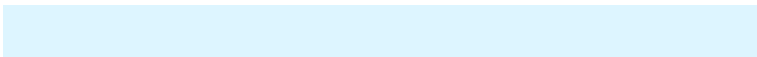
The Inverse Universe completely reimagines the original color for something new.



231.9640, -1.9543, 20.2026



227.2850, -2.1125, 24.3061



238.9640, 7.9057, -15.7544



119.1150, -1.0427, 7.7921



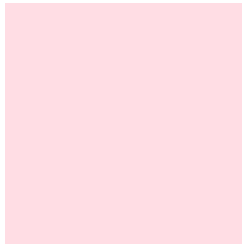
61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 231.9640, -1.9543, 20.2026 looks on a white background.

Color Contrast Check

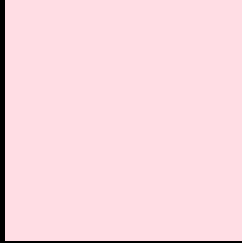
Large Text (above 18pt) WCAG AA × Fail

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 231.9640, -1.9543, 20.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

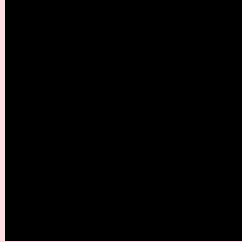
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.9640, -1.9543, 20.2026

Background



This preview shows how black text looks on a background with the YUV color 231.9640, -1.9543, 20.2026.

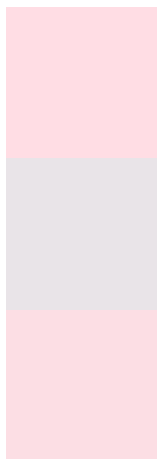


This preview shows how white text looks on a background with the YUV color 231.9640, -1.9543,

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

231.9640, -1.9543, 20.2026

Protanopia

229.9510, 1.0102, 2.6740

Deuteranopia

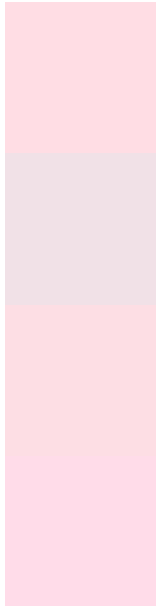
231.6540, -1.8014, 17.8434



Tritanopia

232.2890, 1.8295, 19.9175

Trichromacy



Original Color

231.9640, -1.9543, 20.2026

Protanomaly

230.4680, 0.2623, 9.2366

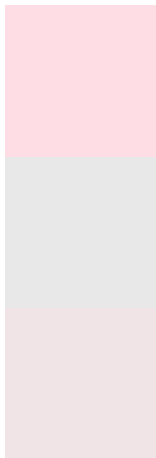
Deuteranomaly

231.9530, -1.9488, 18.4582

Tritanomaly

231.9470, 0.5191, 20.2175

Monochromacy



Original Color

231.9640, -1.9543, 20.2026

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.9300, -0.4585, 7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.9640, -1.9543, 20.2026 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 228) }
```

Border

The CSS property to change the border of an element to YUV 231.9640, -1.9543, 20.2026 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, 228) }
```


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

```
.border{ border-color:rgb(255, 221, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 231.9640, -1.9543, 20.2026 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
221, 228) }
```

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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