

Converting Colors

YUV(232.1750, 1.3927, 20.0175)

Have a look what the booklet for
YUV(232.1750, 1.3927, 20.0175)
contains.

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Color

**YUV(232.1750, 1.3927,
20.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCEB
RGB	255, 220, 235
RGB Percent	100%, 86%, 92%
CMY	0.0000, 0.1373, 0.0784
CMYK	0.00, 0.14, 0.08, 0.00
HSL	334°, 100%, 93%
HSV	334°, 14%, 100%
XYZ	81.8286, 78.4446, 89.4257
YIQ	232.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

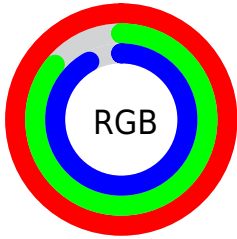
Format	Color
R _Y B	255, 220, 235
Decimal	16768235
CIE Lab	90.98, 14.52, -2.84
CIE LCh	91, 14.800, 348.919
Yxy	78.4446, 0.3277, 0.3142
Android (android.graphics.Color)	4294958315 (0xFFFFDCEB)
YUV	232.1750, 1.3927, 20.0175
Hunter-Lab	88.5689, 9.9200, 2.1347

Details

The YUV color $232.1750, 1.3927, 20.0175$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $242.8250, -1.3927, -20.0175$, 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 $176.4630, 1.2507, 18.8879$ is the 20% darker color. If you saturate the color by 10%, you get $215.7900, 2.0755, 34.3872$, and if you desaturate by 10%, it is $249.1470, 0.4205, 5.1331$.

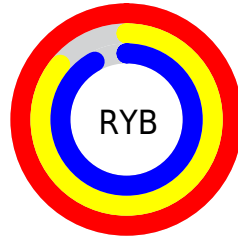
Distribution



Red (100%)

Green (86%)

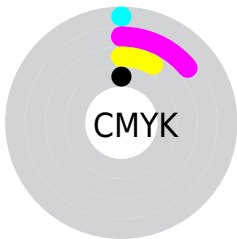
Blue (92%)



Red (100%)

Yellow (86%)

Blue (92%)

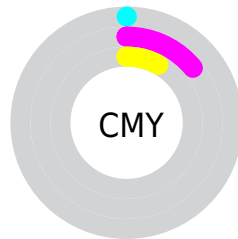


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.1750, 1.3927, 20.0175 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 232.1750, 1.3927, 20.0175 by changing the saturation by 10% instead.


 232.1750, 1.3927,
20.0175

 232.1750, 1.3927,
20.0175


255.0000, 0.0000,
0.0000

 203.8760, 1.5401,
19.4027

 176.4630, 1.2507,
18.8879

 150.1640, 1.3981,
18.2732

 123.8650, 1.5456,
17.6584

 98.5660, 1.6930,
17.0436

 74.8540, 1.5510,
15.9140

 52.1420, 1.4090,

14.7845

■ 30.5440, 1.7038,
13.5549

■ 9.6260, 0.6774,
16.1140

■ 232.1750, 1.3927,
20.0175

■ 232.1750, 1.3927,
20.0175

■ 215.7900, 2.0755,
34.3872

■ 249.1470, 0.4205,
5.1331

■ 198.9320, 3.4845,
49.1716

255.0000, 0.0000,
0.0000

■ 182.5470, 4.1673,
63.5413

■ 165.6890, 5.5763,
78.3257

■ 149.3040, 6.2591,
92.6954

■ 132.4460, 7.6681,
107.4799

■ 116.0610, 8.3509,
121.8495

■ 99.0890, 9.3231,
136.7339

■ 88.6710, 10.0222,
145.8705

Harmonies

Analogous

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



231.8300, 7.9718, 9.7961



232.1750, 1.3927, 20.0175



230.5790, -4.7224, 21.4172

Triad

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



232.1750, 1.3927, 20.0175



227.6940, -12.6671, 2.8994



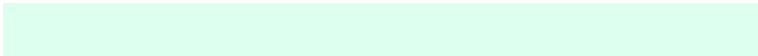
225.6360, 12.0115, -25.9908

Complementary

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



232.1750, 1.3927, 20.0175



242.8250, -1.3927, -20.0175

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.



224.8440, 6.4859, -27.0502



232.1750, 1.3927, 20.0175



226.1700, -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.



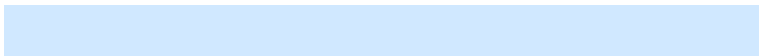
232.1750, 1.3927, 20.0175



229.2440, -13.4313, 14.6950



224.6400, -0.8085, -20.7323



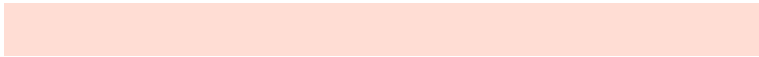
227.4460, 13.5841, -17.0541

Rectangle

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



232.1750, 1.3927, 20.0175



230.1400, -8.9430, 21.8022



224.6400, -0.8085, -20.7323



225.1690, 10.2697, -27.3352

Sweetspot

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



232.1750, 1.3927, 20.0175



248.4460, 0.2731, 5.7479



229.9700, 12.3398, 8.7963



123.4350, 0.2785, 4.0035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

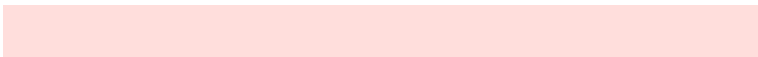
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.1750, 1.3927, 20.0175



228.3110, 1.8187, 23.4063



231.6390, -5.7380, 20.4876



119.4570, 0.2677, 7.4922



66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Inverse Universe

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



232.1750, 1.3927, 20.0175



228.3110, 1.8187, 23.4063



243.3610, 5.7380, -20.4876



119.4570, 0.2677, 7.4922



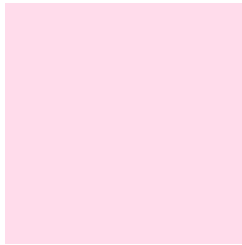
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 232.1750, 1.3927, 20.0175 looks on a white background.

Color Contrast Check

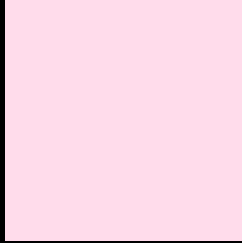
Large Text (above 18pt) WCAG AA × Fail

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 232.1750, 1.3927, 20.0175 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 232.1750, 1.3927, 20.0175

Background



This preview shows how black text looks on a background with the YUV color 232.1750, 1.3927, 20.0175.



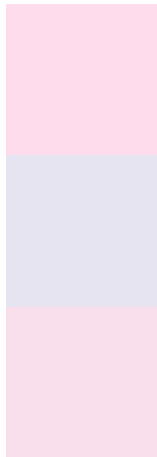
This preview shows how white text looks on a background with the YUV color 232.1750, 1.3927,

20.0175.

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

232.1750, 1.3927, 20.0175

Protanopia

229.9660, 4.9468, 0.0298

Deuteranopia

231.5550, 1.6984, 15.2993



Tritanopia

232.4030, 2.2663, 19.8176

Trichromacy



Original Color

232.1750, 1.3927, 20.0175

Protanomaly

230.6680, 3.6147, 7.3072

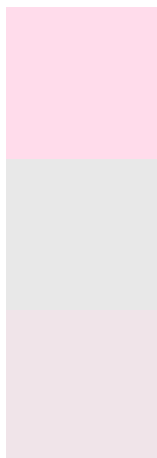
Deuteranomaly

231.5660, 1.6930, 17.0436

Tritanomaly

232.2890, 1.8295, 19.9175

Monochromacy



Original Color

232.1750, 1.3927, 20.0175

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.1750, 1.3927, 20.0175 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 235) }
```

Border

The CSS property to change the border of an element to YUV 232.1750, 1.3927, 20.0175 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, 235) }
```


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

```
.border{ border-color:rgb(255, 220, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 232.1750, 1.3927, 20.0175 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
220, 235) }
```

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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