

Converting Colors

YUV(232.5000, 5.1765, 19.7325)

Have a look what the booklet for
YUV(232.5000, 5.1765, 19.7325)
contains.

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Color

**YUV(232.5000, 5.1765,
19.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBF3
RGB	255, 219, 243
RGB Percent	100%, 86%, 95%
CMY	0.0000, 0.1412, 0.0471
CMYK	0.00, 0.14, 0.05, 0.00
HSL	320°, 100%, 93%
HSV	320°, 14%, 100%
XYZ	82.7492, 78.3941, 95.5642
YIQ	232.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

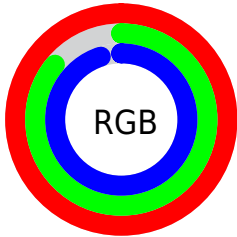
Format	Color
R _Y B	255, 219, 243
Decimal	16767987
CIE Lab	90.96, 16.40, -7.08
CIE LCh	91, 17.861, 336.664
Yxy	78.3941, 0.3223, 0.3054
Android (android.graphics.Color)	4294958067 (0xFFFFDBF3)
YUV	232.5000, 5.1765, 19.7325
Hunter-Lab	88.5404, 11.8789, -2.0151

Details

The YUV color $232.5000, 5.1765, 19.7325$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $241.5000, -5.1765, -19.7325$, 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 $176.7880, 5.0345, 18.6029$ is the 20% darker color. If you saturate the color by 10%, you get $216.9130, 8.9169, 33.4023$, and if you desaturate by 10%, it is $248.2010, 1.8729, 5.9627$.

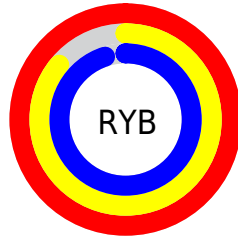
Distribution



Red (100%)

Green (86%)

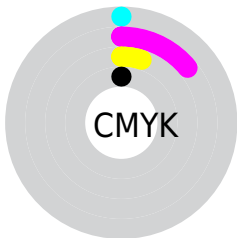
Blue (95%)



Red (100%)

Yellow (86%)

Blue (95%)

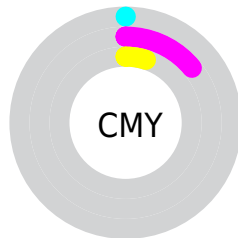


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 232.5000, 5.1765, 19.7325 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 232.5000, 5.1765, 19.7325 by changing the saturation by 10% instead.


 232.5000, 5.1765,
19.7325

 232.5000, 5.1765,
19.7325


255.0000, 0.0000,
0.0000


 204.2010, 5.3239,
19.1177

 176.7880, 5.0345,
18.6029

 150.3750, 4.7451,
18.0881

 124.0760, 4.8925,
17.4733

 98.6630, 4.6031,
16.9585

 74.9510, 4.4612,
15.8290

 52.2390, 4.3192,

14.6994

■ 29.9400, 4.4666,
14.0846

■ 10.5380, 4.1718,
15.3142

■ 232.5000, 5.1765,
19.7325

■ 232.5000, 5.1765,
19.7325

■ 216.9130, 8.9169,
33.4023

■ 248.2010, 1.8729,
5.9627

■ 200.6250, 12.5099,
47.6869

255.0000, 0.0000,
0.0000

■ 185.0380, 16.2503,
61.3567

■ 168.7500, 19.8433,
75.6413

■ 152.5760, 23.8730,
89.8258

■ 136.8750, 27.1766,
103.5956

■ 120.7010, 31.2064,
117.7802

■ 105.0000, 34.5100,
131.5500

■ 95.6250, 36.6669,
139.7719

Harmonies

Analogous

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



230.8340, 11.9138, 5.4076



232.5000, 5.1765, 19.7325



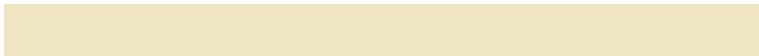
229.3880, -1.6703, 22.4617

Triad

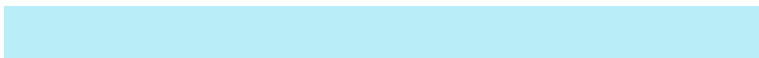
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.5000, 5.1765, 19.7325



228.1140, -16.3252, 9.5470



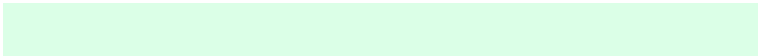
223.4070, 12.6173, -33.6829

Complementary

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



232.5000, 5.1765, 19.7325



241.5000, -5.1765, -19.7325

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.



222.9530, 4.4602, -30.6538



232.5000, 5.1765, 19.7325



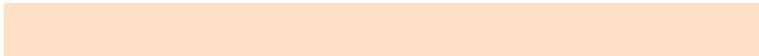
225.7530, -12.2032, -5.9224

Square

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



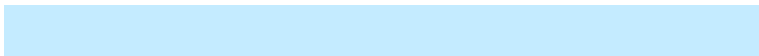
232.5000, 5.1765, 19.7325



229.7180, -15.6370, 22.1723



224.3150, -4.5923, -20.4473



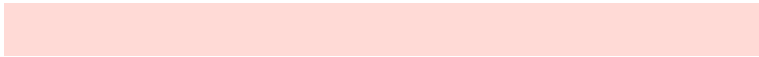
225.6190, 14.4848, -25.9759

Rectangle

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



232.5000, 5.1765, 19.7325



228.6070, -7.2013, 23.1467



224.3150, -4.5923, -20.4473



223.4240, 10.1440, -33.6978

Sweetspot

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



232.5000, 5.1765, 19.7325



248.7880, 1.5835, 5.4479



226.6920, 13.9558, 3.7781



123.5490, 0.7153, 3.9035



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.



232.5000, 5.1765, 19.7325



228.1630, 6.3286, 23.5360



230.4480, -2.6859, 21.5321



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Inverse Universe

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



232.5000, 5.1765, 19.7325



228.1630, 6.3286, 23.5360



243.5520, 2.6859, -21.5321



119.7990, 1.5781, 7.1923



71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 232.5000, 5.1765, 19.7325 looks on a white background.

Color Contrast Check

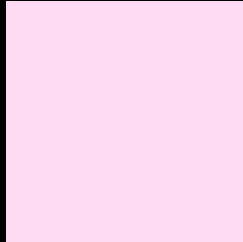
Large Text (above 18pt) WCAG AA × Fail

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 232.5000, 5.1765, 19.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

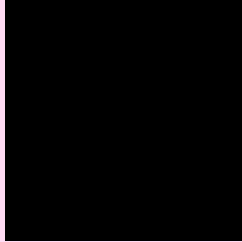
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.5000, 5.1765, 19.7325

Background



This preview shows how black text looks on a background with the YUV color 232.5000, 5.1765, 19.7325.



This preview shows how white text looks on a background with the YUV color 232.5000, 5.1765,

19.7325.

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

232.5000, 5.1765, 19.7325

Protanopia

230.2800, 8.7360, -1.9996

Deuteranopia

232.0430, 4.9088, 12.2403



Tritanopia

232.1040, 2.4137, 19.2028

Trichromacy



Original Color

232.5000, 5.1765, 19.7325

Protanomaly

231.2810, 7.2565, 5.8926

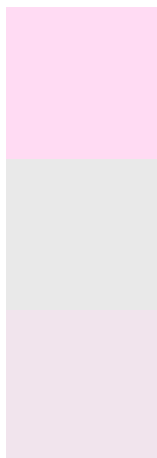
Deuteranomaly

232.3530, 4.7560, 14.5994

Tritanomaly

232.3320, 3.2873, 19.0028

Monochromacy



Original Color

232.5000, 5.1765, 19.7325

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.5000, 5.1765, 19.7325 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, 219, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 243)  
}
```

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, 219, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 243) }
```

Border

The CSS property to change the border of an element to YUV 232.5000, 5.1765, 19.7325 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, 219, 243) }
```


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

```
.border{ border-color:rgb(255, 219, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 232.5000, 5.1765, 19.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 243) }
```

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

```
.background{ background-color: rgb(255,  
219, 243) }
```

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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