

Converting Colors

YUV(222.1850, 6.3178, 27.0248)

Have a look what the booklet for
YUV(222.1850, 6.3178, 27.0248)
contains.

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Color

**YUV(222.1850, 6.3178,
27.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCCEB
RGB	253, 204, 235
RGB Percent	99%, 80%, 92%
CMY	0.0078, 0.2000, 0.0784
CMYK	0.00, 0.19, 0.07, 0.01
HSL	322°, 92%, 90%
HSV	322°, 19%, 99%
XYZ	77.0963, 70.0665, 88.0580
YIQ	222.1850, 19.2530, 20.0290

Conversions

Conversions Part 2

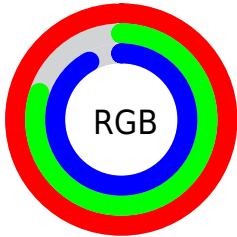
Format	Color
RYB	253, 204, 235
Decimal	16633067
CIELab	87.03, 22.21, -8.70
CIElCh	87, 23.854, 338.609
Yxy	70.0665, 0.3278, 0.2979
Android (android.graphics.Color)	4294823147 (0xFFFDCCCEB)
YUV	222.1850, 6.3178, 27.0248
Hunter-Lab	83.7058, 17.9204, -3.7788

Details

The YUV color $222.1850, 6.3178, 27.0248$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $234.8150, -6.3178, -27.0248$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.0600, 5.8864, 25.3804$ is the 20% darker color. If you saturate the color by 10%, you get $206.4840, 9.6214, 40.7945$, and if you desaturate by 10%, it is $237.8860, 3.0142, 13.2550$.

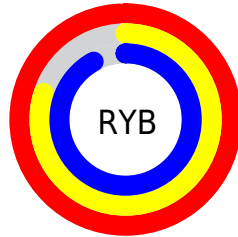
Distribution



Red (99%)

Green (80%)

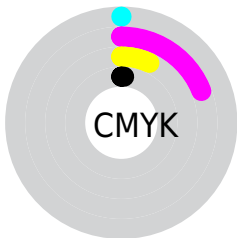
Blue (92%)



Red (99%)

Yellow (80%)

Blue (92%)

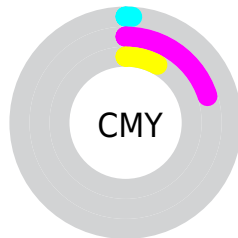


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 222.1850, 6.3178, 27.0248 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 222.1850, 6.3178, 27.0248 by changing the saturation by 10% instead.


 222.1850, 6.3178,
27.0248

 222.1850, 6.3178,
27.0248

255.0000, 0.0000,
0.0000


 193.8860, 6.4652,
26.4100

 167.0600, 5.8864,
25.3804

 140.3480, 5.7444,
24.2508

 114.4620, 6.1812,
24.1508

 89.7500, 6.0393,
23.0213

 66.0380, 5.8973,
21.8917

 43.0270, 5.9027,

20.1473

■ 20.7280, 6.0501,
19.5325

■ 6.4080, 1.2779,
10.1662

■ 222.1850, 6.3178,
27.0248

■ 222.1850, 6.3178,
27.0248

■ 206.4840, 9.6214,
40.7945

■ 237.8860, 3.0142,
13.2550

■ 190.0820, 12.7776,
55.1791

■ 254.2880, -0.1420,
-1.1296

■ 174.3810, 16.0812,
68.9489

■ 254.4020, 0.2948,
-1.2296

■ 158.6800, 19.3848,
82.7186

■ 142.9790, 22.6884,
96.4884

■ 126.5770, 25.8445,
110.8730

■ 110.8760, 29.1481,
124.6427

■ 95.1750, 32.4517,
138.4125

■ 93.8870, 32.5937,
139.5421

Harmonies

Analogous

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



220.8820, 15.8342, 7.9965



222.1850, 6.3178, 27.0248



218.9870, -3.4446, 31.5834

Triad

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



222.1850, 6.3178, 27.0248



216.7460, -21.5668, 10.7468



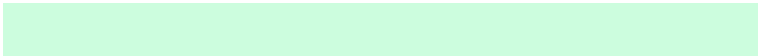
209.2960, 17.6021, -45.8636

Complementary

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



222.1850, 6.3178, 27.0248



234.8150, -6.3178, -27.0248

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.



208.9730, 7.4083, -42.9493



222.1850, 6.3178, 27.0248



213.5200, -15.5394, -9.2260

Square

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



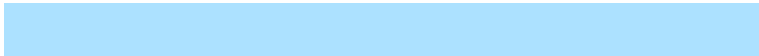
222.1850, 6.3178, 27.0248



218.6710, -21.0368, 27.4755



211.1460, -5.0020, -29.0690



212.5730, 20.9165, -35.5825

Rectangle

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



222.1850, 6.3178, 27.0248



217.8640, -10.2860, 32.5683



211.1460, -5.0020, -29.0690



208.9000, 14.8393, -46.3933

Sweetspot

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



222.1850, 6.3178, 27.0248



245.5110, 1.7201, 8.3219



214.9680, 18.7498, 6.1671



122.2610, 0.8573, 5.0331



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.



222.1850, 6.3178, 27.0248



217.8590, 7.4645, 32.5727



219.4490, -4.1654, 29.4242



119.7990, 1.5781, 7.1923



70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Inverse Universe

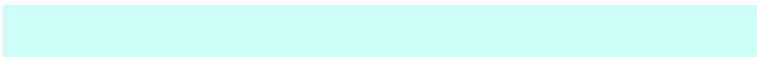
The Inverse Universe completely reimagines the original color for something new.



222.1850, 6.3178, 27.0248



217.8590, 7.4645, 32.5727



237.5510, 4.1654, -29.4242



119.7990, 1.5781, 7.1923



70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 222.1850, 6.3178, 27.0248 looks on a white background.

Color Contrast Check

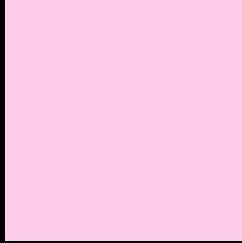
Large Text (above 18pt) WCAG AA × Fail

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 222.1850, 6.3178, 27.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

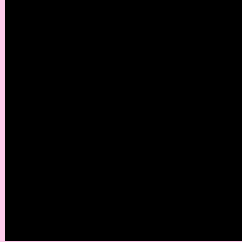
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.1850, 6.3178, 27.0248

Background



This preview shows how black text looks on a background with the YUV color 222.1850, 6.3178, 27.0248.



This preview shows how white text looks on a background with the YUV color 222.1850, 6.3178,

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

222.1850, 6.3178, 27.0248

Protanopia

219.3660, 11.6516, -3.8290

Deuteranopia

220.3740, 6.2246, 10.1960



Tritanopia

221.2790, 0.3555, 26.0653

Trichromacy



Original Color

222.1850, 6.3178, 27.0248

Protanomaly

220.2750, 9.7244, 7.6518

Deuteranomaly

221.1190, 6.3503, 16.5586

Tritanomaly

221.5610, 2.6814, 26.6950

Monochromacy



Original Color

222.1850, 6.3178, 27.0248

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.7500, 2.5882, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.1850, 6.3178, 27.0248 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(253, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(253, 204, 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(253, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 204, 235) }
```

Border

The CSS property to change the border of an element to YUV 222.1850, 6.3178, 27.0248 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(253, 204, 235) }
```


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

```
.border{ border-color:rgb(253, 204, 235) }
```

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

Here you see how a box with a 4 pixel rgb(253, 204, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(253, 204,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 222.1850, 6.3178, 27.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 204, 235) }
```

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

```
.background{ background-color: rgb(253,  
204, 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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