

Converting Colors

YUV(224.0650, -18.7660,
-0.9340)

Have a look what the booklet for
YUV(224.0650, -18.7660, -0.9340)
contains.

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Color

**YUV(224.0650, -18.7660,
-0.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8BA
RGB	223, 232, 186
RGB Percent	87%, 91%, 73%
CMY	0.1255, 0.0902, 0.2706
CMYK	0.04, 0.00, 0.20, 0.09
HSL	72°, 50%, 82%
HSV	72°, 20%, 91%
XYZ	68.1510, 76.9464, 57.7146
YIQ	224.0650, 9.4020, -16.2140

Conversions

Conversions Part 2

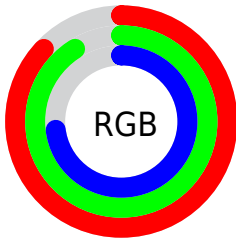
Format	Color
RYB	186, 232, 195
Decimal	14674106
CIELab	90.30, -10.65, 21.41
CIELCh	90, 23.915, 116.455
Yxy	76.9464, 0.3360, 0.3794
Android (android.graphics.Color)	4292864186 (0xFFDFE8BA)
YUV	224.0650, -18.7660, -0.9340
Hunter-Lab	87.7191, -14.8277, 22.3936

Details

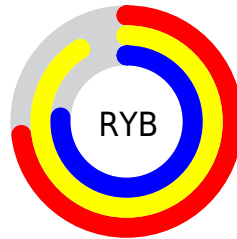
The YUV color $224.0650, -18.7660, -0.9340$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $193.9350, 18.7660, 0.9340$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $168.7060, -17.6031, -0.6192$ is the 20% darker color. If you saturate the color by 10%, you get $219.9480, -28.0754, -1.7084$, and if you desaturate by 10%, it is $228.1820, -9.4567, -0.1596$.

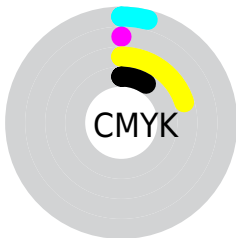
Distribution



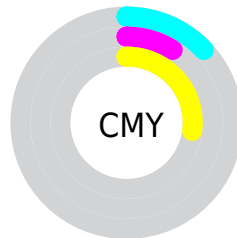
- Red (87%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.0650, -18.7660, -0.9340 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 224.0650, -18.7660, -0.9340 by changing the saturation by 10% instead.

■ 224.0650,
-18.7660, -0.9340

■ 224.0650,
-18.7660, -0.9340

255.0000, 0.0000,
0.0000

■ 196.1790,
-18.3292, -1.0340

■ 253.5180, -5.6784,
1.2997

■ 168.7060,
-17.6031, -0.6192

■ 142.4070,
-17.4557, -1.2339

■ 116.6350,
-16.5821, -1.4339

■ 91.7490, -16.1453,
-1.5339

■ 67.9770, -15.2717,
-1.7338

■ 45.7920, -14.6875,

-2.4486

■ 25.0740, -12.3615,
-1.8189

■ 1.1740, -0.5788,
-1.0296

■ 224.0650,
-18.7660, -0.9340

■ 224.0650,
-18.7660, -0.9340

■ 219.9480,
-28.0754, -1.7084

■ 228.1820, -9.4567,
-0.1596

■ 216.1300,
-37.5321, -1.8680

■ 232.0000, 0.0000,
0.0000

■ 211.8990,
-47.2782, -2.5424

■ 236.1170, 9.3093,
0.7744

■ 208.0810,
-56.7349, -2.7020

■ 237.3130, 8.7197,
3.2335

■ 203.9640,
-66.0443, -3.4764

■ 238.8080, 7.9827,
6.3074

■ 200.1460,
-75.5010, -3.6360

■ 240.0040, 7.3930,
8.7665

■ 196.0290,
-84.8103, -4.4104

■ 241.4990, 6.6560,
11.8404

■ 192.0970,
-94.7038, -4.4701

Harmonies

Analogous

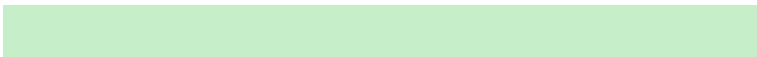
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.9750, -22.1727, 18.4389



224.0650, -18.7660, -0.9340



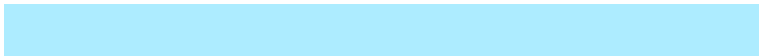
221.5230, -10.1178, -21.5067

Triad

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



224.0650, -18.7660, -0.9340



219.3290, 17.5858, -40.6305



226.4360, 2.2501, 25.0506

Complementary

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



224.0650, -18.7660, -0.9340



193.9350, 18.7660, 0.9340

Split Complementary

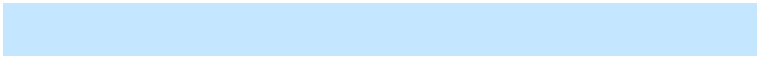
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9930, 10.8495, 20.1771



224.0650, -18.7660, -0.9340



222.9830, 15.7844, -22.7871

Square

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



224.0650, -18.7660, -0.9340



218.3730, 14.1131, -46.8081



227.5560, 13.5299, 0.3894



224.4010, -8.0857, 26.8353

Rectangle

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



224.0650, -18.7660, -0.9340



219.6230, -1.7861, -33.8724



227.5560, 13.5299, 0.3894



227.9350, 5.4550, 23.7360

Sweetspot

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



224.0650, -18.7660, -0.9340



252.3930, -6.1097, -0.3447



204.4500, -9.0958, 24.1614



126.3760, -3.6364, -0.3298



0.0000, 0.0000, 0.0000



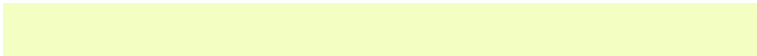
128.0000, 0.0000, 0.0000

Same Dimension

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



224.0650, -18.7660, -0.9340



244.4580, -24.8758, -1.2787



217.4870, -15.5231, -14.4591



113.0340, -4.9468, -0.0298



148.1290, -73.0276, -3.6211



42.1960, -20.8026, -1.0489

Inverse Universe

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



193.9350, 18.7660, 0.9340



204.5420, 24.8758, 1.2787



200.5130, 15.5231, 14.4591



105.2650, 4.7994, 0.6446



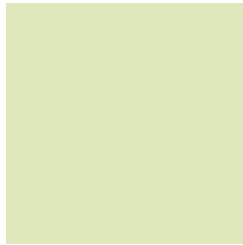
30.8710, 73.0276, 3.6211



8.8040, 20.8026, 1.0489

Previews

White Background



This preview shows how the YUV color 224.0650, -18.7660, -0.9340 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 224.0650, -18.7660, -0.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

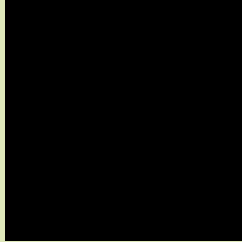
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

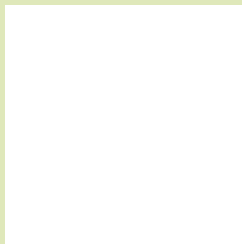
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.0650, -18.7660, -0.9340

Background



This preview shows how black text looks on a background with the YUV color 224.0650, -18.7660, -0.9340.



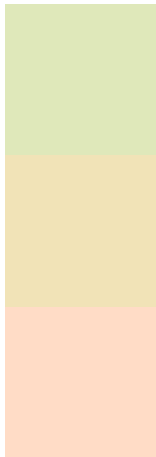
This preview shows how white text looks on a background with the YUV color 224.0650, -18.7660, -0.9340.

-0.9340.

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

224.0650, -18.7660, -0.9340

Protanopia

226.1700, -21.2828, 13.0059

Deuteranopia

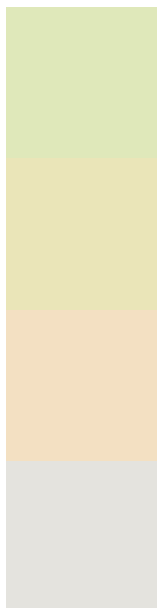
227.9570, -14.7688, 23.7167



Tritanopia

228.1450, 6.8305, 2.5038

Trichromacy



Original Color

224.0650, -18.7660, -0.9340

Protanomaly

225.3650, -20.3929, 7.5729

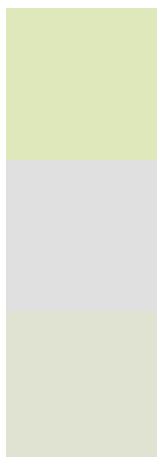
Deuteranomaly

226.2610, -15.9047, 14.6801

Tritanomaly

226.7290, -2.3314, 1.1147

Monochromacy



Original Color

224.0650, -18.7660, -0.9340

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1650, -6.9833, -0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.0650, -18.7660, -0.9340 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(223, 232, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 186)  
}
```

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(223, 232, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 186) }
```

Border

The CSS property to change the border of an element to YUV 224.0650, -18.7660, -0.9340 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(223, 232, 186) }
```


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

```
.border{ border-color:rgb(223, 232, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 232, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 186);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 224.0650, -18.7660, -0.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 186) }
```

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

```
.background{ background-color: rgb(223,  
232, 186) }
```

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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