

Converting Colors

YUV(222.0240, -9.8718, -7.0370)

Have a look what the booklet for
YUV(222.0240, -9.8718, -7.0370)
contains.

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Color

**YUV(222.0240, -9.8718,
-7.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E6CA
RGB	214, 230, 202
RGB Percent	84%, 90%, 79%
CMY	0.1608, 0.0980, 0.2078
CMYK	0.07, 0.00, 0.12, 0.10
HSL	94°, 36%, 85%
HSV	94°, 12%, 90%
XYZ	66.6890, 75.1540, 66.8684
YIQ	222.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

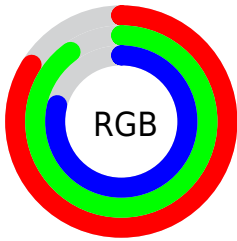
Format	Color
RYB	202, 230, 218
Decimal	14083786
CIELab	89.47, -10.29, 11.84
CIELCh	89, 15.685, 131.009
Yxy	75.1540, 0.3195, 0.3601
Android (android.graphics.Color)	4292273866 (0xFFD6E6CA)
YUV	222.0240, -9.8718, -7.0370
Hunter-Lab	86.6914, -14.3955, 14.9514

Details

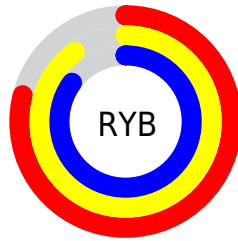
The YUV color **222.0240, -9.8718, -7.0370** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **209.9760, 9.8718, 7.0370**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **166.5510, -9.1456, -6.6222** is the 20% darker color. If you saturate the color by 10%, you get **215.5150, -18.0019, -12.7297**, and if you desaturate by 10%, it is **228.5330, -1.7418, -1.3444**.

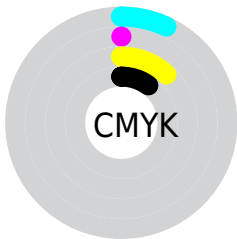
Distribution



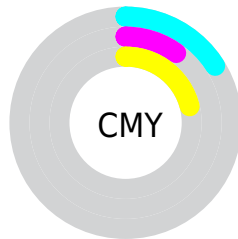
- Red (84%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.0240, -9.8718, -7.0370 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 222.0240, -9.8718, -7.0370 by changing the saturation by 10% instead.

■ 222.0240, -9.8718,
-7.0370

■ 222.0240, -9.8718,
-7.0370

255.0000, 0.0000,
0.0000

■ 194.1380, -9.4350,
-7.1370

■ 166.5510, -9.1456,
-6.6222

■ 140.5510, -9.1456,
-6.6222

■ 114.9640, -8.8563,
-6.1074

■ 90.0780, -8.4195,
-6.2074

■ 66.6050, -7.6933,
-5.7926

■ 44.7190, -7.2565,

-5.8926

■ 23.8610, -9.2985,
-4.2631

■ 0.0000, 0.0000,
0.0000

■ 222.0240, -9.8718,
-7.0370

■ 222.0240, -9.8718,
-7.0370

■ 215.5150,
-18.0019, -12.7297

■ 228.5330, -1.7418,
-1.3444

■ 209.0060,
-26.1320, -18.4223

■ 235.0420, 6.3883,
4.3482

■ 202.4970,
-34.2620, -24.1149

■ 239.7270, 7.5296,
11.6404

■ 195.6890,
-42.2447, -30.4223

■ 240.3250, 7.2348,
12.8700

■ 189.1800,
-50.3747, -36.1149

■ 182.6710,
-58.5048, -41.8075

■ 176.1620,
-66.6349, -47.5001

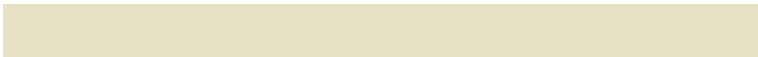
■ 169.6530,
-74.7649, -53.1927

■ 164.6110,
-81.1532, -57.5408

Harmonies

Analogous

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



224.0750, -13.8410, 6.0732



222.0240, -9.8718, -7.0370



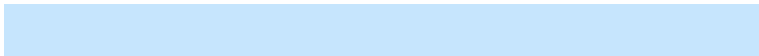
220.4830, -2.7031, -19.7176

Triad

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



222.0240, -9.8718, -7.0370



222.4670, 15.0528, -21.4576



227.5300, -3.7123, 24.0912

Complementary

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



222.0240, -9.8718, -7.0370



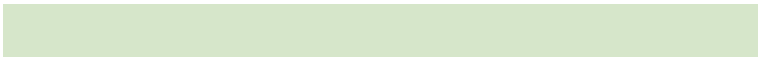
209.9760, 9.8718, 7.0370

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.



228.0330, 3.4347, 18.3881



222.0240, -9.8718, -7.0370



225.0280, 14.2832, -7.9176

Square

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



222.0240, -9.8718, -7.0370



220.2120, 11.7275, -28.2499



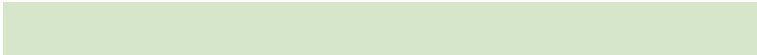
226.9760, 9.8718, 7.0370



227.1080, -10.4062, 24.4613

Rectangle

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



222.0240, -9.8718, -7.0370



220.1170, 2.4073, -25.5356



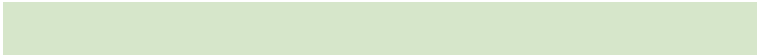
226.9760, 9.8718, 7.0370



228.1000, -1.5283, 23.5913

Sweetspot

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



222.0240, -9.8718, -7.0370



252.0660, -3.4835, -2.6889



219.7640, -8.7577, 8.9770



126.0060, -2.4680, -1.7593



0.0000, 0.0000, 0.0000



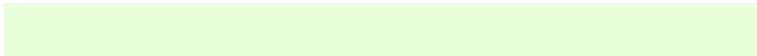
128.0000, 0.0000, 0.0000

Same Dimension

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



222.0240, -9.8718, -7.0370



244.0900, -13.3554, -9.7259



218.6640, -7.2294, -14.6143



111.5390, -4.2097, -3.1037



128.0960, -63.1513, -44.8112



36.5150, -18.0019, -12.7297

Inverse Universe

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



209.9760, 9.8718, 7.0370



227.9100, 13.3554, 9.7259



213.3360, 7.2294, 14.6143



106.4610, 4.2097, 3.1037



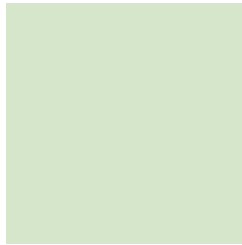
50.9040, 63.1513, 44.8112



14.4850, 18.0019, 12.7297

Previews

White Background



This preview shows how the YUV color 222.0240, -9.8718, -7.0370 looks on a white background.

Color Contrast Check

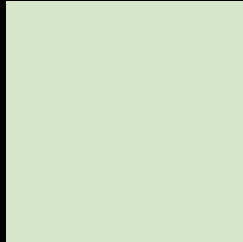
Large Text (above 18pt) WCAG AA × Fail

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 222.0240, -9.8718, -7.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

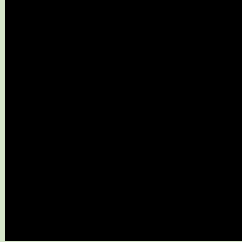
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

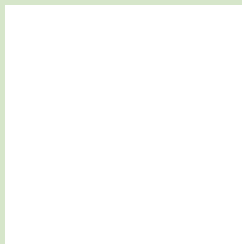
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.0240, -9.8718, -7.0370

Background



This preview shows how black text looks on a background with the YUV color 222.0240, -9.8718, -7.0370.



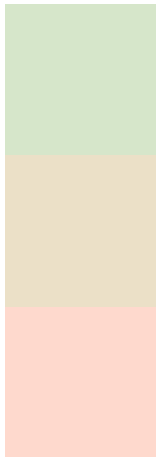
This preview shows how white text looks on a background with the YUV color 222.0240, -9.8718,

-7.0370.

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

222.0240, -9.8718, -7.0370

Protanopia

224.4390, -12.5414, 9.2620

Deuteranopia

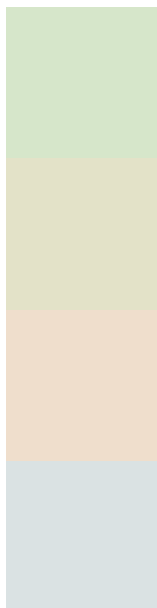
226.6950, -10.6956, 23.9465



Tritanopia

224.8560, 8.4520, -4.2587

Trichromacy



Original Color

222.0240, -9.8718, -7.0370

Protanomaly

223.3350, -11.5042, 3.2142

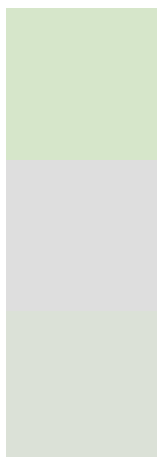
Deuteranomaly

225.0310, -10.3683, 12.2508

Tritanomaly

223.7220, 1.6161, -5.0182

Monochromacy



Original Color

222.0240, -9.8718, -7.0370

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.0240, -9.8718, -7.0370 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(214, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 202)  
}
```

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(214, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 202) }
```

Border

The CSS property to change the border of an element to YUV 222.0240, -9.8718, -7.0370 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(214, 230, 202) }
```


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

```
.border{ border-color:rgb(214, 230, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 230, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 230, 202); box-shadow:4px 4px 4px 4px rgb(214, 230, 202) }
```

Background

The CSS property to change the background color of an element to YUV 222.0240, -9.8718, -7.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 202) }
```

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

```
.background{ background-color: rgb(214,  
230, 202) }
```

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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