

Converting Colors

YUV(221.1840, -2.5557,
-20.3324)

Have a look what the booklet for
YUV(221.1840, -2.5557, -20.3324)
contains.

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Color

**YUV(221.1840, -2.5557,
-20.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EAD8
RGB	198, 234, 216
RGB Percent	78%, 92%, 85%
CMY	0.2235, 0.0824, 0.1529
CMYK	0.15, 0.00, 0.08, 0.08
HSL	150°, 46%, 85%
HSV	150°, 15%, 92%
XYZ	65.1062, 75.8093, 76.1669
YIQ	221.1840, -15.6780, -13.2300

Conversions

Conversions Part 2

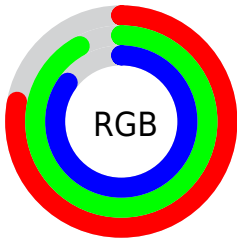
Format	Color
RYB	198, 222, 234
Decimal	13036248
CIELab	89.77, -15.15, 4.82
CIELCh	90, 15.901, 162.346
Yxy	75.8093, 0.2999, 0.3492
Android (android.graphics.Color)	4291226328 (0xFFC6EAD8)
YUV	221.1840, -2.5557, -20.3324
Hunter-Lab	87.0685, -18.8951, 9.0815

Details

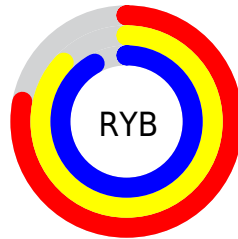
The YUV color $221.1840, -2.5557, -20.3324$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $210.8160, 2.5557, 20.3324$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.8960, -2.4137, -19.2028$ is the 20% darker color. If you saturate the color by 10%, you get $212.9390, -4.4069, -33.2725$, and if you desaturate by 10%, it is $229.4290, -0.7045, -7.3922$.

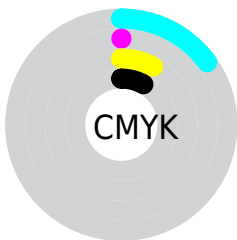
Distribution



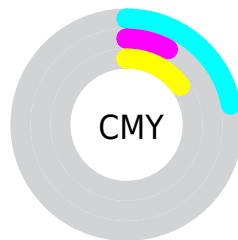
- Red (78%)
- Green (92%)
- Blue (85%)



- Red (78%)
- Yellow (87%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1840, -2.5557, -20.3324 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 221.1840, -2.5557, -20.3324 by changing the saturation by 10% instead.

■ 221.1840, -2.5557,
-20.3324

■ 221.1840, -2.5557,
-20.3324

255.0000, 0.0000,
0.0000

■ 193.4830, -2.7031,
-19.7176

■ 165.8960, -2.4137,
-19.2028

■ 139.3090, -2.1243,
-18.6880

■ 113.7220, -1.8349,
-18.1732

■ 89.0210, -1.9824,
-17.5584

■ 65.4340, -1.6930,
-17.0436

■ 43.1350, -1.5456,

-17.6584

■ 21.3630, -0.6720,
-17.8584

■ 0.0000, 0.0000,
0.0000

■ 221.1840, -2.5557,
-20.3324

■ 221.1840, -2.5557,
-20.3324

■ 212.9390, -4.4069,
-33.2725

■ 229.4290, -0.7045,
-7.3922

■ 204.5090, -5.6739,
-46.9274

■ 237.8590, 0.5625,
6.2627

■ 196.2640, -7.5252,
-59.8675

■ 242.2170, 4.3300,
11.2107

■ 187.7200, -9.2290,
-73.4224

■ 242.6730, 6.0772,
10.8108

■ 179.5890,
-10.6434, -86.4626

■ 171.3440,
-12.4946, -99.4027

■ 162.8000,
-14.1984, -112.9576

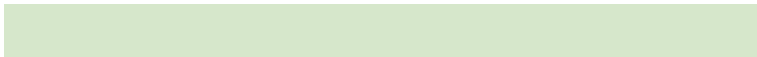
■ 154.5550,
-16.0496, -125.8977

■ 150.6960,
-16.6121, -132.1604

Harmonies

Analogous

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



222.7250, -9.7244, -7.6518



221.1840, -2.5557, -20.3324



220.6050, 5.6177, -28.5946

Triad

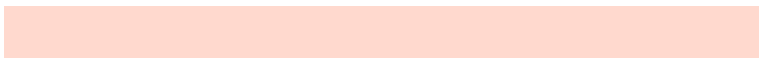
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.1840, -2.5557, -20.3324



226.0280, 14.2832, -7.9176



227.1080, -10.4062, 24.4613

Complementary

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



221.1840, -2.5557, -20.3324



210.8160, 2.5557, 20.3324

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.



227.5300, -3.7123, 24.0912



221.1840, -2.5557, -20.3324



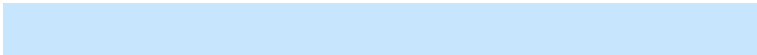
227.9760, 9.8718, 7.0370

Square

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



221.1840, -2.5557, -20.3324



223.4670, 15.0528, -21.4576



228.6310, 3.1399, 19.6176



226.6250, -14.6051, 17.8689

Rectangle

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



221.1840, -2.5557, -20.3324



220.7450, 9.9857, -29.5944



228.6310, 3.1399, 19.6176



226.9770, -8.3697, 24.5762

Sweetspot

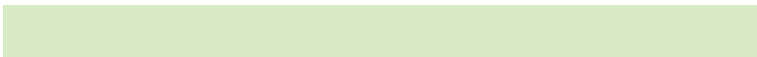
The Sweet Spot groups the original color and five complimentary colors.



221.1840, -2.5557, -20.3324



250.4290, -0.7045, -7.3922



224.5140, -13.0714, -7.4668



125.1520, -0.5679, -4.5183



0.0000, 0.0000, 0.0000



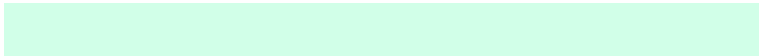
128.0000, 0.0000, 0.0000

Same Dimension

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



221.1840, -2.5557, -20.3324



238.6240, -3.2656, -25.9802



223.2360, 5.3067, -22.1320



113.0270, -0.9993, -6.1627



116.6210, -12.6312, -102.2766



34.7760, -3.8336, -30.4986

Inverse Universe

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



210.8160, 2.5557, 20.3324



225.3760, 3.2656, 25.9802



208.7640, -5.3067, 22.1320



109.8590, 0.5625, 6.2627



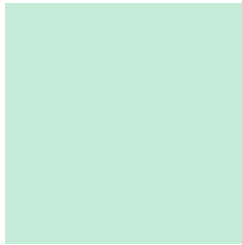
64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 221.1840, -2.5557, -20.3324 looks on a white background.

Color Contrast Check

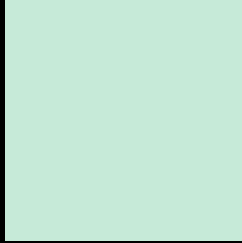
Large Text (above 18pt) WCAG AA × Fail

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 221.1840, -2.5557, -20.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

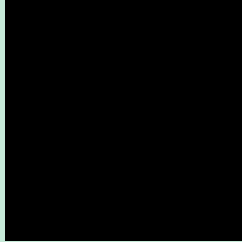
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

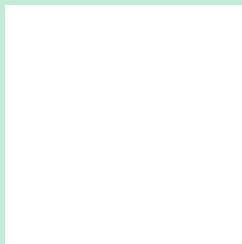
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.1840, -2.5557, -20.3324

Background



This preview shows how black text looks on a background with the YUV color 221.1840, -2.5557, -20.3324.



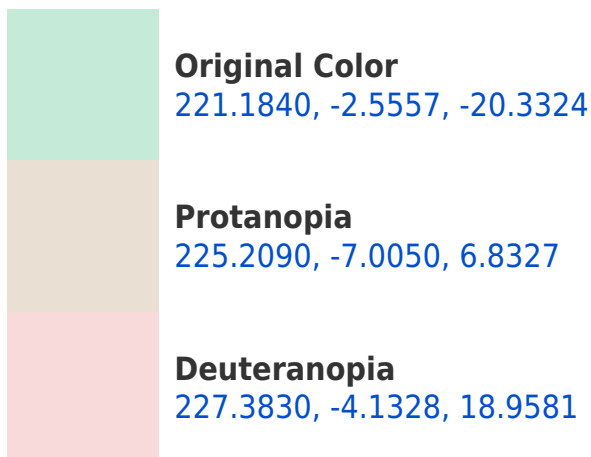
This preview shows how white text looks on a background with the YUV color 221.1840, -2.5557, -20.3324.

-20.3324.

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

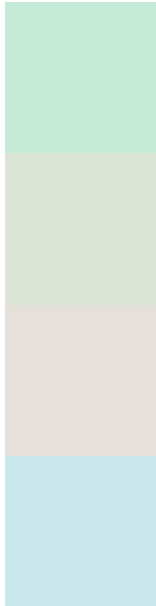




Tritanopia

223.6910, 11.9843, -17.2690

Trichromacy



Original Color

221.1840, -2.5557, -20.3324

Protanomaly

223.8980, -5.3727, -3.4185

Deuteranomaly

225.1100, -3.5052, 4.2885

Tritanomaly

222.8990, 6.4588, -18.3284

Monochromacy



Original Color

221.1840, -2.5557, -20.3324

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.3150, -1.1413, -7.2923

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1840, -2.5557, -20.3324 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(198, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 234, 216)  
}
```

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(198, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 234, 216) }
```

Border

The CSS property to change the border of an element to YUV 221.1840, -2.5557, -20.3324 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(198, 234, 216) }
```


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

```
.border{ border-color:rgb(198, 234, 216) }
```

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

Here you see how a box with a 4 pixel rgb(198, 234, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(198, 234,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 221.1840, -2.5557, -20.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 234, 216) }
```

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

```
.background{ background-color: rgb(198,  
234, 216) }
```

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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