

Converting Colors

YUV(219.6740, -5.7553,
-20.7621)

Have a look what the booklet for
YUV(219.6740, -5.7553, -20.7621)
contains.

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Color

**YUV(219.6740, -5.7553,
-20.7621)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EAD0
RGB	196, 234, 208
RGB Percent	77%, 92%, 82%
CMY	0.2314, 0.0824, 0.1843
CMYK	0.16, 0.00, 0.11, 0.08
HSL	139°, 47%, 84%
HSV	139°, 16%, 92%
XYZ	63.5729, 75.1355, 70.8265
YIQ	219.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

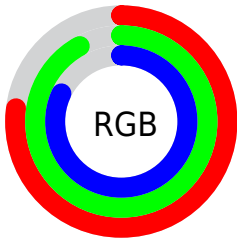
Format	Color
RYB	196, 225, 234
Decimal	12905168
CIELab	89.46, -17.29, 8.53
CIElCh	89, 19.276, 153.732
Yxy	75.1355, 0.3034, 0.3586
Android (android.graphics.Color)	4291095248 (0xFFC4EAD0)
YUV	219.6740, -5.7553, -20.7621
Hunter-Lab	86.6807, -20.7767, 12.2309

Details

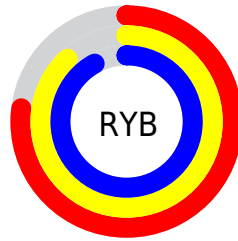
The YUV color $219.6740, -5.7553, -20.7621$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $210.3260, 5.7553, 20.7621$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $164.5000, -5.1765, -19.7325$ is the 20% darker color. If you saturate the color by 10%, you get $210.9730, -9.3537, -33.3023$, and if you desaturate by 10%, it is $228.3750, -2.1569, -8.2219$.

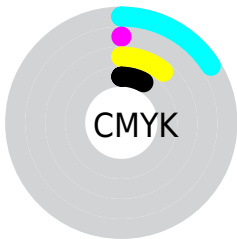
Distribution



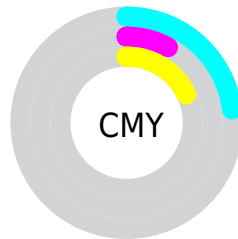
- Red (77%)
- Green (92%)
- Blue (82%)



- Red (77%)
- Yellow (88%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6740, -5.7553, -20.7621 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 219.6740, -5.7553, -20.7621 by changing the saturation by 10% instead.

■ 219.6740, -5.7553,
-20.7621

■ 219.6740, -5.7553,
-20.7621

255.0000, 0.0000,
0.0000

■ 191.9730, -5.9027,
-20.1473

254.4020, 0.2948,
-1.2296

■ 164.5000, -5.1765,
-19.7325

■ 137.9130, -4.8871,
-19.2177

■ 112.3260, -4.5977,
-18.7029

■ 87.7390, -4.3083,
-18.1881

■ 64.1520, -4.0189,
-17.6733

■ 41.2660, -3.5821,

-17.7733

■ 20.2660, -3.5821,
-17.7733

■ 0.0000, 0.0000,
0.0000

■ 219.6740, -5.7553,
-20.7621

■ 219.6740, -5.7553,
-20.7621

■ 210.9730, -9.3537,
-33.3023

■ 228.3750, -2.1569,
-8.2219

■ 201.9730,
-12.8047, -46.4573

■ 237.3750, 1.2941,
4.9331

■ 193.2720,
-16.4031, -58.9975

■ 242.6730, 6.0772,
10.8108

■ 184.2720,
-19.8541, -72.1525

■ 175.5710,
-23.4525, -84.6928

■ 166.8700,
-27.0509, -97.2330

■ 157.8700,
-30.5019, -110.3880

■ 149.1690,
-34.1003, -122.9282

■ 145.7940,
-35.3944, -127.8613

Harmonies

Analogous

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



222.0090, -13.8084, -4.3929



219.6740, -5.7553, -20.7621



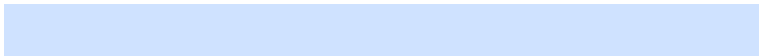
218.5290, 4.1762, -32.9129

Triad

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



219.6740, -5.7553, -20.7621



223.6250, 15.4679, -14.5801



225.2330, -9.9749, 26.1057

Complementary

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



219.6740, -5.7553, -20.7621



210.3260, 5.7553, 20.7621

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.



226.1110, -1.5337, 25.3357



219.6740, -5.7553, -20.7621



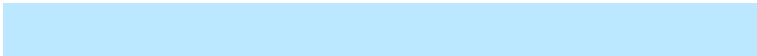
226.6920, 13.9558, 3.7781

Square

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



219.6740, -5.7553, -20.7621



220.5800, 16.9691, -29.4497



228.1410, 6.3395, 20.0473



225.8000, -16.6634, 24.7314

Rectangle

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



219.6740, -5.7553, -20.7621



218.1140, 10.2968, -36.0570



228.1410, 6.3395, 20.0473



225.3300, -7.0647, 26.0206

Sweetspot

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



219.6740, -5.7553, -20.7621



250.0870, -2.0149, -7.0923



226.3790, -14.9768, -2.9634



124.9240, -1.4415, -4.3183



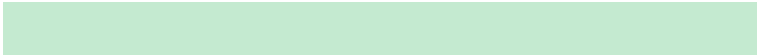
0.0000, 0.0000, 0.0000



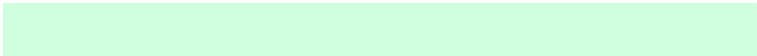
128.0000, 0.0000, 0.0000

Same Dimension

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



219.6740, -5.7553, -20.7621



236.8860, -7.3388, -26.2100



221.7260, 2.1071, -22.5617



112.7990, -1.8729, -5.9627



112.7450, -27.4823, -98.8774



33.6360, -8.2015, -29.4988

Inverse Universe

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



210.3260, 5.7553, 20.7621



225.1140, 7.3388, 26.2100



208.2740, -2.1071, 22.5617



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 219.6740, -5.7553, -20.7621 looks on a white background.

Color Contrast Check

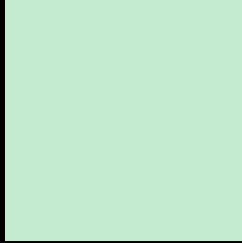
Large Text (above 18pt) WCAG AA × Fail

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 219.6740, -5.7553, -20.7621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

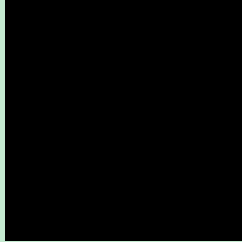
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

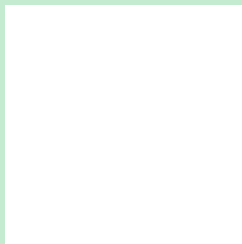
Any Text WCAG AAA ✓ Pass

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

YUV 219.6740, -5.7553, -20.7621 Background



This preview shows how black text looks on a background with the YUV color 219.6740, -5.7553, -20.7621.



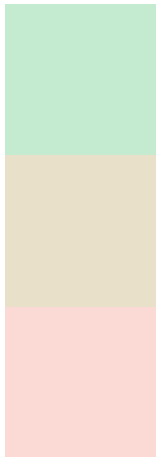
This preview shows how white text looks on a background with the YUV color 219.6740, -5.7553, -20.7621.

-20.7621.

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

219.6740, -5.7553, -20.7621

Protanopia

224.1830, -10.9362, 7.7325

Deuteranopia

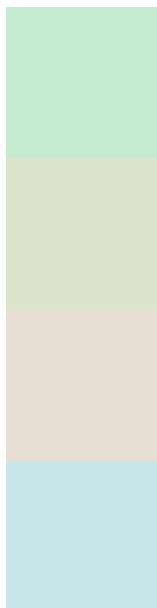
226.5960, -7.1958, 21.4023



Tritanopia

222.6910, 11.9843, -17.2690

Trichromacy



Original Color

219.6740, -5.7553, -20.7621

Protanomaly

222.8720, -9.3039, -2.5187

Deuteranomaly

224.0240, -6.4208, 6.1180

Tritanomaly

221.3720, 5.7326, -18.7432

Monochromacy



Original Color

219.6740, -5.7553, -20.7621

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7880, -1.8675, -7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6740, -5.7553, -20.7621 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(196, 234, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 234, 208)  
}
```

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(196, 234, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 234, 208) }
```

Border

The CSS property to change the border of an element to YUV 219.6740, -5.7553, -20.7621 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(196, 234, 208) }
```


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

```
.border{ border-color:rgb(196, 234, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 234, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 234, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 234, 208);  
box-shadow:4px 4px 4px 4px rgb(196, 234,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 219.6740, -5.7553, -20.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 234, 208) }
```

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

```
.background{ background-color: rgb(196,  
234, 208) }
```

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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