

Converting Colors

YUV(221.0720, 10.8105,
-14.0951)

Have a look what the booklet for
YUV(221.0720, 10.8105, -14.0951)
contains.

YUV(221.0720, 10.8105, -14.0951)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(221.0720, 10.8105,
-14.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE1F3
RGB	205, 225, 243
RGB Percent	80%, 88%, 95%
CMY	0.1961, 0.1176, 0.0471
CMYK	0.16, 0.07, 0.00, 0.05
HSL	208°, 61%, 88%
HSV	208°, 16%, 95%
XYZ	68.2797, 73.3006, 95.3437
YIQ	221.0720, -17.6980, 1.3580

Conversions

Conversions Part 2

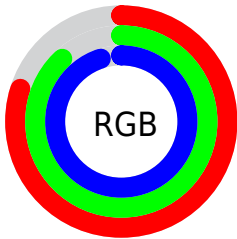
Format	Color
R _Y B	205, 218, 243
Decimal	13492723
CIE Lab	88.59, -3.02, -11.01
CIE LCh	89, 11.418, 254.668
Yxy	73.3006, 0.2882, 0.3094
Android (android.graphics.Color)	4291682803 (0xFFCDE1F3)
YUV	221.0720, 10.8105, -14.0951
Hunter-Lab	85.6158, -7.4715, -6.0957

Details

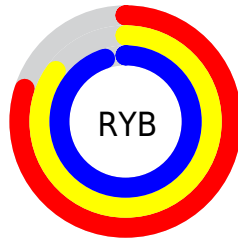
The YUV color $221.0720, 10.8105, -14.0951$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.9280, -10.8105, 14.0951$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.9580, 10.3737, -13.9952$ is the 20% darker color. If you saturate the color by 10%, you get $206.8520, 17.8210, -22.6722$, and if you desaturate by 10%, it is $235.2920, 3.8000, -5.5181$.

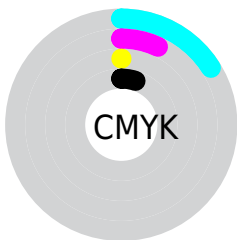
Distribution



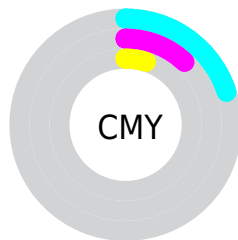
- Red (80%)
- Green (88%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.0720, 10.8105, -14.0951 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 221.0720, 10.8105, -14.0951 by changing the saturation by 10% instead.

■ 221.0720, 10.8105,
-14.0951

■ 221.0720, 10.8105,
-14.0951

255.0000, 0.0000,
0.0000

■ 193.0720, 10.8105,
-14.0951

■ 165.9580, 10.3737,
-13.9952

■ 139.2570, 10.2263,
-13.3804

■ 114.1430, 9.7895,
-13.2804

■ 89.3280, 9.2053,
-12.5657

■ 65.9150, 8.9159,
-13.0805

■ 43.2140, 8.7685,

-12.4657

■ 22.0890, 8.3371,
-14.1101

■ 2.7530, 8.0098,
-2.4144

■ 221.0720, 10.8105,
-14.0951

■ 221.0720, 10.8105,
-14.0951

■ 206.8520, 17.8210,
-22.6722

■ 235.2920, 3.8000,
-5.5181

■ 192.9200, 24.6894,
-32.3788

■ 249.2240, -3.0684,
4.1886

■ 178.7000, 31.6999,
-40.9559

■ 253.6320, -5.2416,
1.1997

■ 165.0670, 38.4210,
-50.0478

■ 150.8470, 45.4314,
-58.6248

■ 136.9150, 52.2999,
-68.3315

■ 122.6950, 59.3104,
-76.9085

■ 109.0620, 66.0314,
-86.0004

■ 102.8380, 69.0999,
-90.1889

Harmonies

Analogous

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



219.7570, 8.5008, -19.9579



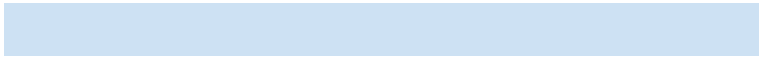
221.0720, 10.8105, -14.0951



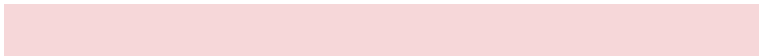
222.6110, 10.0518, -4.0438

Triad

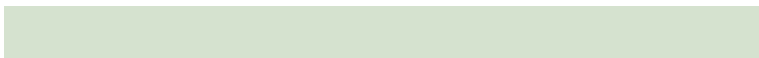
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.0720, 10.8105, -14.0951



224.4970, -3.6960, 18.8581



219.9470, -6.3829, -6.0925

Complementary

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



221.0720, 10.8105, -14.0951



226.9280, -10.8105, 14.0951

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.



221.3890, -10.0518, 4.0438



221.0720, 10.8105, -14.0951



223.9330, -8.3480, 17.5988

Square

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



221.0720, 10.8105, -14.0951



224.8430, 1.5564, 14.1697



223.0310, -10.3683, 12.2508



219.4450, -1.6984, -15.2993

Rectangle

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



221.0720, 10.8105, -14.0951



223.7860, 7.9935, 2.8187



223.0310, -10.3683, 12.2508



220.8010, -8.2829, -3.3335

Sweetspot

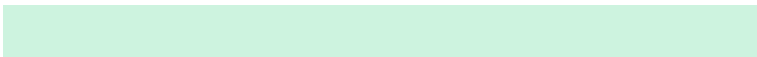
The Sweet Spot groups the original color and five complimentary colors.



221.0720, 10.8105, -14.0951



247.5910, 3.6526, -4.9033



229.3580, -3.1345, -21.3620



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000



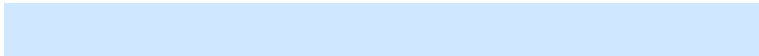
128.0000, 0.0000, 0.0000

Same Dimension

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



221.0720, 10.8105, -14.0951



227.1470, 13.7315, -17.6689



209.9190, 16.3089, -4.3140



115.4770, 3.2158, -4.8033



78.7300, 52.8841, -69.0462



24.9230, 16.8000, -21.8575

Inverse Universe

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



218.6420, 3.1345, 21.3620



224.2020, 3.8444, 27.0098



238.0810, -16.3089, 4.3140



114.3860, 1.2887, 6.6775



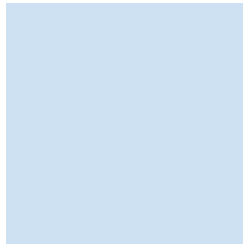
66.7860, 15.3885, 104.5507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 221.0720, 10.8105, -14.0951 looks on a white background.

Color Contrast Check

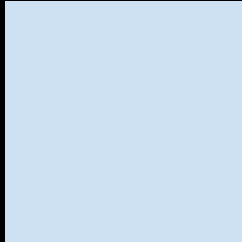
Large Text (above 18pt) WCAG AA × Fail

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 221.0720, 10.8105, -14.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

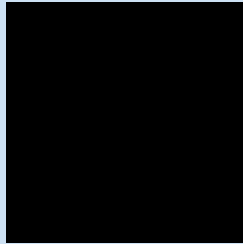
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

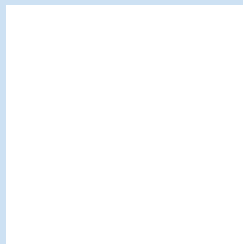
Any Text WCAG AAA ✓ Pass

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

YUV 221.0720, 10.8105, -14.0951 Background



This preview shows how black text looks on a background with the YUV color 221.0720, 10.8105, -14.0951.



This preview shows how white text looks on a background with the YUV color 221.0720, 10.8105, -14.0951.

-14.0951.

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

221.0720, 10.8105, -14.0951

Protanopia

223.1660, 8.2992, -1.8996

Deuteranopia

224.3890, 10.1612, 7.5518



Tritanopia

221.0720, 10.8105, -14.0951

Trichromacy



Original Color

221.0720, 10.8105, -14.0951

Protanomaly

222.0730, 9.3310, -6.2030

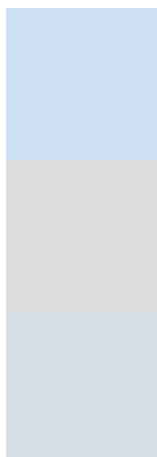
Deuteranomaly

223.0460, 10.3303, -0.0403

Tritanomaly

221.0720, 10.8105, -14.0951

Monochromacy



Original Color

221.0720, 10.8105, -14.0951

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7050, 4.0894, -5.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.0720, 10.8105, -14.0951 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(205, 225, 243)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 243)  
}
```

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(205, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 243) }
```

Border

The CSS property to change the border of an element to YUV 221.0720, 10.8105, -14.0951 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(205, 225, 243) }
```


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

```
.border{ border-color:rgb(205, 225, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 221.0720, 10.8105, -14.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 243) }
```

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

```
.background{ background-color: rgb(205,  
225, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor