

Converting Colors

YUV(220.7890, -6.7980,
-12.9700)

Have a look what the booklet for
YUV(220.7890, -6.7980, -12.9700)
contains.

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Color

**YUV(220.7890, -6.7980,
-12.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE7CF
RGB	206, 231, 207
RGB Percent	81%, 91%, 81%
CMY	0.1922, 0.0941, 0.1882
CMYK	0.11, 0.00, 0.10, 0.09
HSL	122°, 34%, 86%
HSV	122°, 11%, 91%
XYZ	65.2920, 74.7786, 70.0239
YIQ	220.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

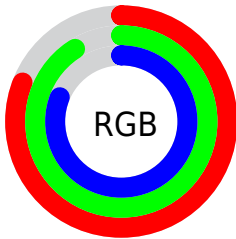
Format	Color
R_{YB}	206, 230, 231
Decimal	13559759
CIE _{Lab}	89.29, -12.66, 8.90
CIE _{LCh}	89, 15.473, 144.890
Yxy	74.7786, 0.3108, 0.3559
Android (android.graphics.Color)	4291749839 (0xFFCEE7CF)
YUV	220.7890, -6.7980, -12.9700
Hunter-Lab	86.4746, -16.5556, 12.5214

Details

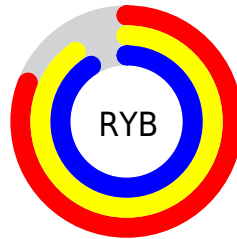
The YUV color $220.7890, -6.7980, -12.9700$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.2110, 6.7980, 12.9700$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.6150, -6.2192, -11.9404$ is the 20% darker color. If you saturate the color by 10%, you get $211.4040, -13.0172, -24.9103$, and if you desaturate by 10%, it is $230.1740, -0.5788, -1.0296$.

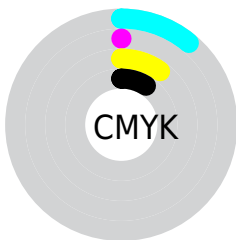
Distribution



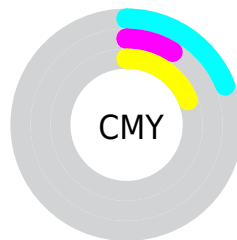
- Red (81%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (90%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7890, -6.7980, -12.9700 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 220.7890, -6.7980, -12.9700 by changing the saturation by 10% instead.

■ 220.7890, -6.7980,
-12.9700

■ 220.7890, -6.7980,
-12.9700

255.0000, 0.0000,
0.0000

■ 192.7890, -6.7980,
-12.9700

■ 165.6150, -6.2192,
-11.9404

■ 139.6150, -6.2192,
-11.9404

■ 113.7290, -5.7824,
-12.0403

■ 89.1420, -5.4930,
-11.5255

■ 65.5550, -5.2036,
-11.0107

■ 42.9680, -4.9142,

-10.4959

■ 22.2670, -5.0616,
-9.8812

■ 0.0000, 0.0000,
0.0000

■ 220.7890, -6.7980,
-12.9700

■ 220.7890, -6.7980,
-12.9700

■ 211.4040,
-13.0172, -24.9103

■ 230.1740, -0.5788,
-1.0296

■ 202.0190,
-19.2364, -36.8507

■ 239.5590, 5.6404,
10.9108

■ 192.5200,
-25.8924, -48.6910

■ 240.9120, 6.9454,
12.3552

■ 183.1350,
-32.1116, -60.6314

■ 173.7500,
-38.3307, -72.5717

■ 164.0660,
-44.4025, -85.1269

■ 154.6810,
-50.6217, -97.0672

■ 145.2960,
-56.8409, -109.0076

■ 136.6230,
-62.9181, -119.8184

Harmonies

Analogous

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



222.3840, -12.5143, 0.5402



220.7890, -6.7980, -12.9700



219.3730, 0.8021, -24.0061

Triad

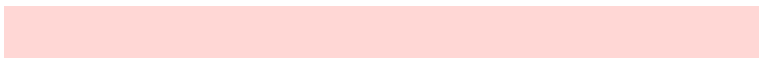
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.7890, -6.7980, -12.9700



223.0980, 14.7417, -14.9949



226.7320, -6.7699, 24.7910

Complementary

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



220.7890, -6.7980, -12.9700



216.2110, 6.7980, 12.9700

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.



227.7300, -0.3599, 22.1618



220.7890, -6.7980, -12.9700



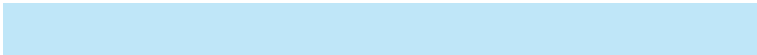
225.3170, 12.6617, -1.1550

Square

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



220.7890, -6.7980, -12.9700



220.3910, 13.6112, -25.7759



227.0260, 7.3822, 12.2552



225.9290, -12.2900, 21.9873

Rectangle

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



220.7890, -6.7980, -12.9700



219.3170, 5.7597, -27.4650



227.0260, 7.3822, 12.2552



226.6010, -4.7333, 24.9059

Sweetspot

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



220.7890, -6.7980, -12.9700



251.8100, -1.8783, -4.2184



227.8510, -10.7725, 1.8847



125.6360, -1.2995, -3.1888



0.0000, 0.0000, 0.0000



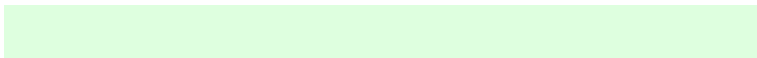
128.0000, 0.0000, 0.0000

Same Dimension

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



220.7890, -6.7980, -12.9700



241.4850, -9.1131, -17.0883



222.1570, -1.5564, -14.1697



110.1580, -3.0359, -6.2776



105.8710, -48.7434, -92.8489



30.1650, -13.8853, -26.4547

Inverse Universe

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



216.2110, 6.7980, 12.9700



235.5150, 9.1131, 17.0883



214.8430, 1.5564, 14.1697



107.8420, 3.0359, 6.2776



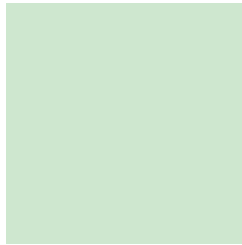
73.0150, 48.3066, 92.9488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 220.7890, -6.7980, -12.9700 looks on a white background.

Color Contrast Check

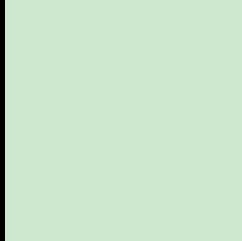
Large Text (above 18pt) WCAG AA × Fail

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 220.7890, -6.7980, -12.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

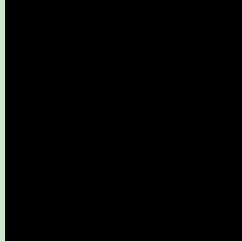
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

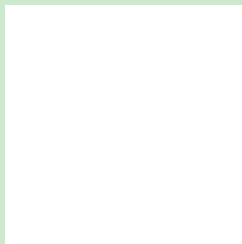
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.7890, -6.7980, -12.9700

Background



This preview shows how black text looks on a background with the YUV color 220.7890, -6.7980, -12.9700.



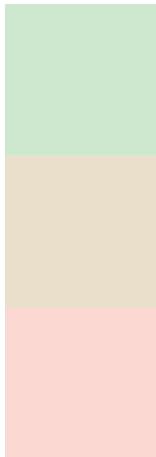
This preview shows how white text looks on a background with the YUV color 220.7890, -6.7980,

-12.9700.

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

220.7890, -6.7980, -12.9700

Protanopia

223.7100, -10.2100, 8.1473

Deuteranopia

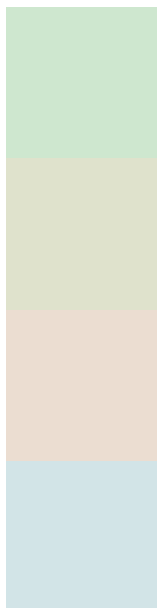
225.7810, -7.7800, 22.1171



Tritanopia

223.8660, 9.9261, -10.4065

Trichromacy



Original Color

220.7890, -6.7980, -12.9700

Protanomaly

222.5950, -9.1673, 0.3552

Deuteranomaly

223.8180, -7.3053, 9.8066

Tritanomaly

222.9600, 3.9637, -11.3659

Monochromacy



Original Color

220.7890, -6.7980, -12.9700

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2830, -2.6045, -4.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7890, -6.7980, -12.9700 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(206, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 207)  
}
```

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(206, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 207) }
```

Border

The CSS property to change the border of an element to YUV 220.7890, -6.7980, -12.9700 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(206, 231, 207) }
```


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

```
.border{ border-color:rgb(206, 231, 207) }
```

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

Here you see how a box with a 4 pixel rgb(206, 231, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 220.7890, -6.7980, -12.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 207) }
```

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

```
.background{ background-color: rgb(206,  
231, 207) }
```

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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