

Converting Colors

YUV(220.7890, -10.2490,
-26.1250)

Have a look what the booklet for
YUV(220.7890, -10.2490, -26.1250)
contains.

YUV(220.7890, -10.2490, -26.1250)	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(220.7890, -10.2490,
-26.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF0C8
RGB	191, 240, 200
RGB Percent	75%, 94%, 78%
CMY	0.2510, 0.0588, 0.2157
CMYK	0.20, 0.00, 0.17, 0.06
HSL	131°, 62%, 85%
HSV	131°, 20%, 94%
XYZ	63.0713, 77.5667, 66.2912
YIQ	220.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

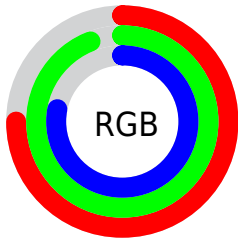
Format	Color
R_{YB}	191, 232, 240
Decimal	12579016
CIE _{Lab}	90.58, -23.29, 14.25
CIE _{LCh}	91, 27.304, 148.536
Yxy	77.5667, 0.3048, 0.3748
Android (android.graphics.Color)	4290769096 (0xFFBFF0C8)
YUV	220.7890, -10.2490, -26.1250
Hunter-Lab	88.0719, -26.2961, 17.0231

Details

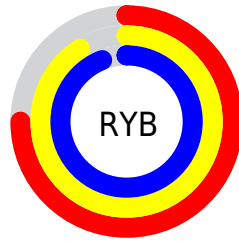
The YUV color **220.7890, -10.2490, -26.1250** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **210.2110, 10.2490, 26.1250**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, 1.0318, -4.3034**, and **165.6150, -9.6702, -25.0954** is the 20% darker color. If you saturate the color by 10%, you get **211.3330, -15.4472, -38.8800**, and if you desaturate by 10%, it is **230.2450, -5.0508, -13.3699**.

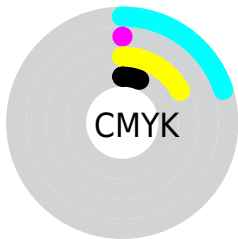
Distribution



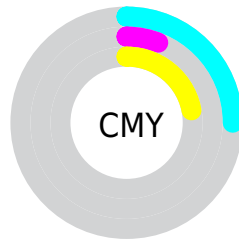
- Red (75%)
- Green (94%)
- Blue (78%)



- Red (75%)
- Yellow (91%)
- Blue (94%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (25%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7890, -10.2490, -26.1250 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, -10.2490, -26.1250 by changing the saturation by 10% instead.

■ 220.7890,
-10.2490, -26.1250

■ 220.7890,
-10.2490, -26.1250

255.0000, 0.0000,
0.0000

■ 193.2020, -9.9596,
-25.6102

■ 252.9070, 1.0318,
-4.3034

■ 165.6150, -9.6702,
-25.0954

■ 139.0280, -9.3808,
-24.5806

■ 113.4410, -9.0914,
-24.0658

■ 88.0820, -7.9284,
-23.7509

■ 64.1960, -7.4916,
-23.8509

■ 40.2390, -6.0338,

-24.7656

■ 21.4740, -9.1077,
-18.8327

■ 2.3480, -1.1576,
-2.0592

■ 220.7890,
-10.2490, -26.1250

■ 220.7890,
-10.2490, -26.1250

■ 211.3330,
-15.4472, -38.8800

■ 230.2450, -5.0508,
-13.3699

■ 201.9910,
-20.2086, -51.7351

■ 239.5870, -0.2894,
-0.5148

■ 192.5350,
-25.4068, -64.4902

■ 246.1950, 4.3409,
7.7220

■ 183.1930,
-30.1681, -77.3453

■ 173.7370,
-35.3663, -90.1003

■ 164.2810,
-40.5645, -102.8554

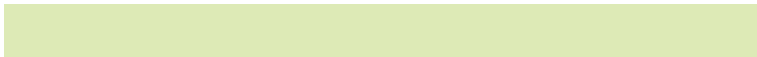
■ 154.9390,
-45.3259, -115.7105

■ 145.8960,
-50.2347, -127.9508

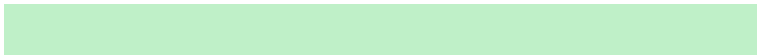
Harmonies

Analogous

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



224.1850, -20.7972, -2.7932



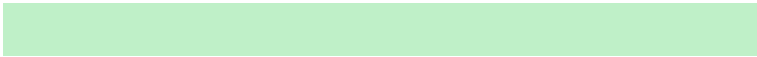
220.7890, -10.2490, -26.1250



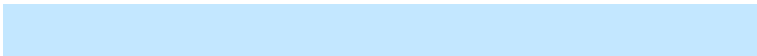
218.0390, 3.9248, -45.6382

Triad

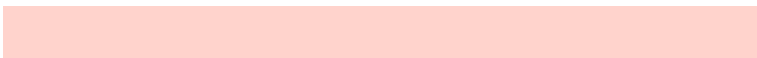
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.7890, -10.2490, -26.1250



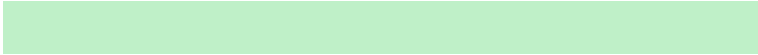
222.9720, 15.7898, -24.5314



223.3580, -9.5435, 27.7500

Complementary

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



220.7890, -10.2490, -26.1250



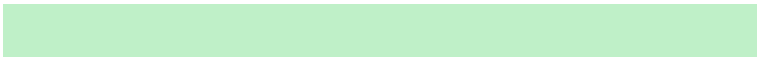
210.2110, 10.2490, 26.1250

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.



225.7350, 2.1026, 25.6654



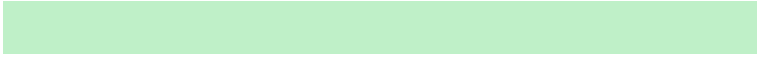
220.7890, -10.2490, -26.1250



228.4530, 13.0877, 2.2337

Square

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



220.7890, -10.2490, -26.1250



218.4100, 18.0389, -45.9636



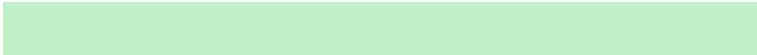
230.9330, 11.8650, 21.1068



224.6000, -20.0158, 26.6608

Rectangle

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



220.7890, -10.2490, -26.1250



217.1010, 13.2612, -53.5856



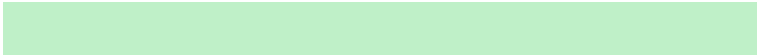
230.9330, 11.8650, 21.1068



223.7970, -5.3229, 27.3650

Sweetspot

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



220.7890, -10.2490, -26.1250



249.1470, -3.0305, -8.0219



231.7230, -20.0764, -0.6341



124.3970, -2.1677, -4.7332



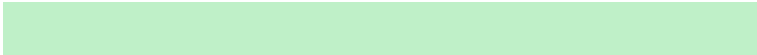
0.0000, 0.0000, 0.0000



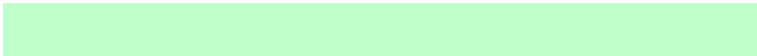
128.0000, 0.0000, 0.0000

Same Dimension

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



220.7890, -10.2490, -26.1250



229.9360, -13.2794, -34.1469



223.5250, 0.2342, -28.5244



115.2720, -2.5991, -6.3775



111.8840, -38.3968, -98.1223



34.0120, -11.8379, -29.8285

Inverse Universe

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



210.2110, 10.2490, 26.1250



216.0640, 13.2794, 34.1469



207.4750, -0.2342, 28.5244



112.7280, 2.5991, 6.3775



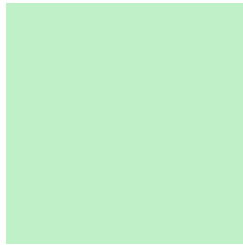
72.1160, 38.3968, 98.1223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 220.7890, -10.2490, -26.1250 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, -10.2490, -26.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

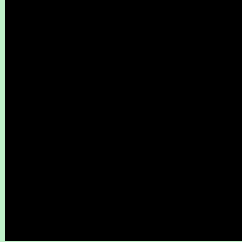
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

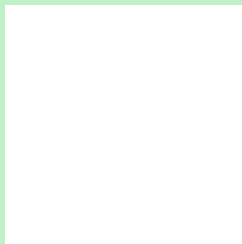
Any Text WCAG AAA ✓ Pass

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

YUV 220.7890, -10.2490, -26.1250 Background



This preview shows how black text looks on a background with the YUV color 220.7890, -10.2490, -26.1250.



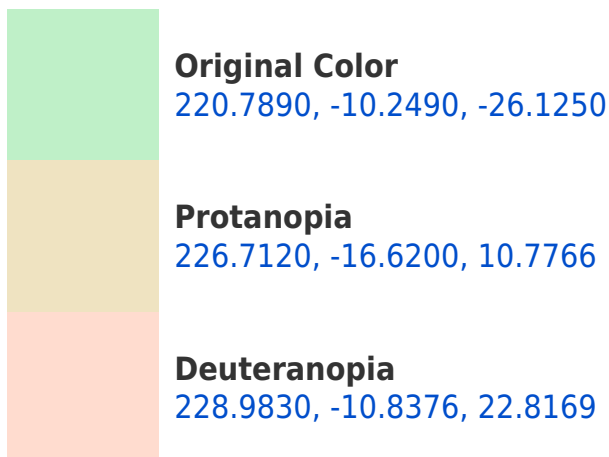
This preview shows how white text looks on a background with the YUV color 220.7890, -10.2490, -26.1250.

-26.1250.

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

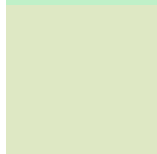
225.1850, 12.7268, -22.0872

Trichromacy



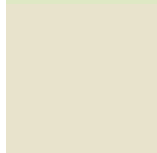
Original Color

220.7890, -10.2490, -26.1250



Protanomaly

224.9060, -14.2507, -2.5486



Deuteranomaly

225.8730, -10.7834, 5.3734



Tritanomaly

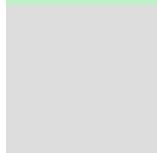
223.8830, 4.0017, -23.5764

Monochromacy



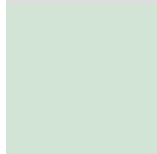
Original Color

220.7890, -10.2490, -26.1250



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.9080, -3.8986, -9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7890, -10.2490, -26.1250 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(191, 240, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 240, 200)  
}
```

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(191, 240, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 240, 200) }
```

Border

The CSS property to change the border of an element to YUV 220.7890, -10.2490, -26.1250 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(191, 240, 200) }
```


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

```
.border{ border-color:rgb(191, 240, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 240, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 240, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 240, 200); box-shadow:4px 4px 4px 4px rgb(191, 240, 200) }
```

Background

The CSS property to change the background color of an element to YUV 220.7890, -10.2490, -26.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 240, 200) }
```

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

```
.background{ background-color: rgb(191,  
240, 200) }
```

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