

Converting Colors

YUV(213.7010, -6.7546,
-26.9248)

Have a look what the booklet for
YUV(213.7010, -6.7546, -26.9248)
contains.

| | |
|--|----|
| YUV(213.7010, -6.7546, -26.9248) | 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(213.7010, -6.7546,
-26.9248)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B7E8C8 |
| RGB | 183, 232, 200 |
| RGB Percent | 72%, 91%, 78% |
| CMY | 0.2824, 0.0902, 0.2157 |
| CMYK | 0.21, 0.00, 0.14, 0.09 |
| HSL | 141°, 52%, 81% |
| HSV | 141°, 21%, 91% |
| XYZ | 58.8104, 71.9506, 65.4318 |
| YIQ | 213.7010, -18.9320, -20.3400 |

Conversions

Conversions Part 2

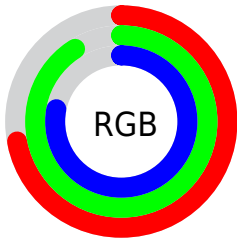
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 183, 219, 232 |
| Decimal | 12052680 |
| CIELab | 87.94, -21.97, 10.44 |
| CIELCh | 88, 24.328, 154.585 |
| Yxy | 71.9506, 0.2998, 0.3667 |
| Android (android.graphics.Color) | 4290242760 (0xFFB7E8C8) |
| YUV | 213.7010, -6.7546, -26.9248 |
| Hunter-Lab | 84.8237, -24.6831, 13.6411 |

Details

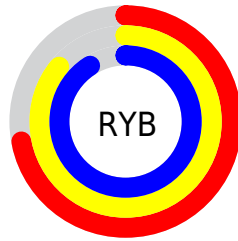
The YUV color $213.7010, -6.7546, -26.9248$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $201.2990, 6.7546, 26.9248$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, 2.2111, -9.2217$, and $158.5270, -6.1758, -25.8952$ is the 20% darker color. If you saturate the color by 10%, you get $205.1140, -9.9162, -39.5650$, and if you desaturate by 10%, it is $222.2880, -3.5930, -14.2846$.

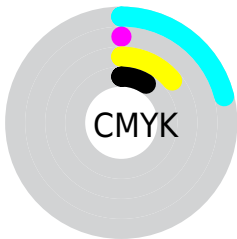
Distribution



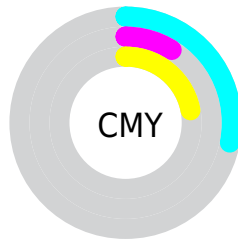
- Red (72%)
- Green (91%)
- Blue (78%)



- Red (72%)
- Yellow (86%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)





- Cyan (28%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 213.7010, -6.7546, -26.9248 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 213.7010, -6.7546, -26.9248 by changing the saturation by 10% instead.

 213.7010, -6.7546,
-26.9248

 213.7010, -6.7546,
-26.9248

255.0000, 0.0000,
0.0000


 186.1140, -6.4652,
-26.4100


 250.5150, 2.2111,
-9.2217

 158.5270, -6.1758,
-25.8952

 131.9400, -5.8864,
-25.3804

 106.4670, -5.1602,
-24.9656

 81.8800, -4.8708,
-24.4508

 57.9940, -4.4340,
-24.5507

 34.3250, -3.1182,

-26.5950

■ 18.5390, -7.6607,
-16.2587

■ 0.0000, 0.0000,
0.0000

■ 213.7010, -6.7546,
-26.9248

■ 213.7010, -6.7546,
-26.9248

■ 205.1140, -9.9162,
-39.5650

■ 222.2880, -3.5930,
-14.2846

■ 196.5270,
-13.0778, -52.2052

■ 230.8750, -0.4314,
-1.6444

■ 187.6410,
-16.0920, -65.4602

■ 239.7610, 2.5828,
11.6106

■ 178.9400,
-19.6904, -78.0004

■ 241.4990, 6.6560,
11.8404

■ 170.3530,
-22.8520, -90.6406

■ 161.7660,
-26.0136, -103.2808

■ 153.1790,
-29.1752, -115.9210

■ 145.3040,
-32.1949, -127.4316

Harmonies

Analogous

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



216.4880, -17.0026, -6.5670



213.7010, -6.7546, -26.9248



211.5170, 5.6611, -42.5494

Triad

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



213.7010, -6.7546, -26.9248



217.9990, 18.2415, -17.5391



219.3970, -12.0277, 31.2238

Complementary

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



213.7010, -6.7546, -26.9248



201.2990, 6.7546, 26.9248

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.



220.8450, -1.4026, 29.9539



213.7010, -6.7546, -26.9248



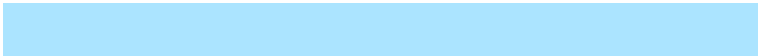
222.5720, 15.9870, 5.6374

Square

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



213.7010, -6.7546, -26.9248



214.0350, 20.1957, -37.7417



224.9290, 7.9230, 25.4953



221.0950, -20.7528, 29.7347

Rectangle

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



213.7010, -6.7546, -26.9248



210.9600, 13.8237, -47.3229



224.9290, 7.9230, 25.4953



219.6080, -8.6807, 31.0388

Sweetspot

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



213.7010, -6.7546, -26.9248



249.3750, -2.1569, -8.2219



221.6300, -19.0446, -4.9375



124.6250, -1.2941, -4.9331



0.0000, 0.0000, 0.0000



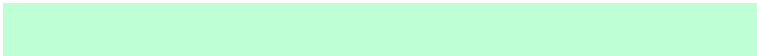
128.0000, 0.0000, 0.0000

Same Dimension

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



213.7010, -6.7546, -26.9248



231.0760, -8.9115, -35.1467



216.4370, 3.7286, -29.3242



110.5000, -1.7255, -6.5775



112.1410, -24.7195, -98.3477



31.9890, -6.8966, -28.0544

Inverse Universe

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



201.2990, 6.7546, 26.9248



214.9240, 8.9115, 35.1467



198.5630, -3.7286, 29.3242



107.5000, 1.7255, 6.5775



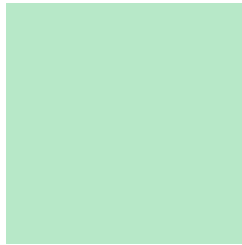
66.8590, 24.7195, 98.3477



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 213.7010, -6.7546, -26.9248 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 213.7010, -6.7546, -26.9248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

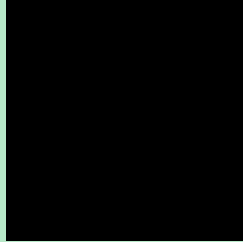
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.7010, -6.7546, -26.9248

Background



This preview shows how black text looks on a background with the YUV color 213.7010, -6.7546, -26.9248.



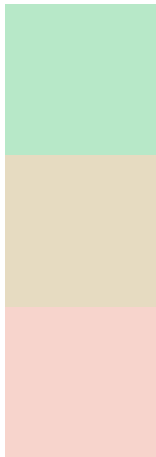
This preview shows how white text looks on a background with the YUV color 213.7010, -6.7546, -26.9248.

-26.9248.

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

213.7010, -6.7546, -26.9248

Protanopia

219.3250, -12.9782, 9.3620

Deuteranopia

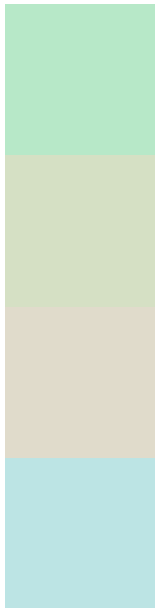
221.5530, -8.6536, 22.3170



Tritanopia

217.5870, 13.0216, -23.3168

Trichromacy



Original Color

213.7010, -6.7546, -26.9248

Protanomaly

217.5190, -10.6089, -3.9632

Deuteranomaly

218.6710, -7.7258, 4.6735

Tritanomaly

216.0400, 5.8963, -24.5911

Monochromacy



Original Color

213.7010, -6.7546, -26.9248

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.7010, -6.7546, -26.9248 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(183, 232, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 232, 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(183, 232, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 232, 200) }
```

Border

The CSS property to change the border of an element to YUV 213.7010, -6.7546, -26.9248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

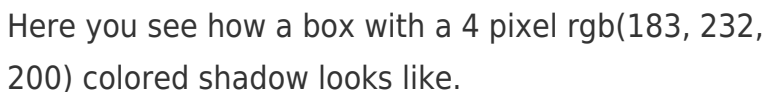
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 232, 200) }
```


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

```
.border{ border-color:rgb(183, 232, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 232, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 232, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 232, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 232,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 213.7010, -6.7546, -26.9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 232, 200) }
```

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

```
.background{ background-color: rgb(183,  
232, 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