

Converting Colors

YUV(213.0500, 7.3704,
-30.7388)

Have a look what the booklet for
YUV(213.0500, 7.3704, -30.7388)
contains.

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Color

**YUV(213.0500, 7.3704,
-30.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E4E4
RGB	178, 228, 228
RGB Percent	70%, 89%, 89%
CMY	0.3020, 0.1059, 0.1059
CMYK	0.22, 0.00, 0.00, 0.11
HSL	180°, 48%, 80%
HSV	180°, 22%, 89%
XYZ	60.1071, 70.5532, 83.8489
YIQ	213.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

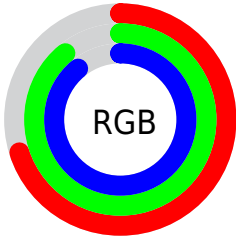
Format	Color
RYB	178, 203, 228
Decimal	11724004
CIELab	87.27, -15.95, -5.27
CIELCh	87, 16.794, 198.296
Yxy	70.5532, 0.2802, 0.3289
Android (android.graphics.Color)	4289914084 (0xFFB2E4E4)
YUV	213.0500, 7.3704, -30.7388
Hunter-Lab	83.9960, -19.2592, -0.3890

Details

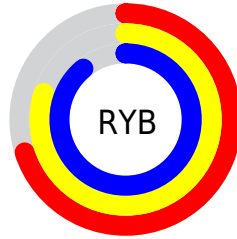
The YUV color $213.0500, 7.3704, -30.7388$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $192.9500, -7.3703, 30.7389$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $158.3490, 7.2229, -30.1241$ is the 20% darker color. If you saturate the color by 10%, you get $206.1730, 10.7607, -44.8787$, and if you desaturate by 10%, it is $219.9270, 3.9800, -16.5990$.

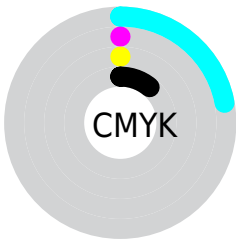
Distribution



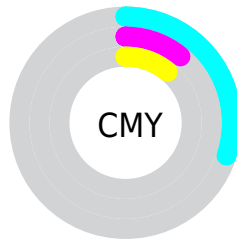
- Red (70%)
- Green (89%)
- Blue (89%)



- Red (70%)
- Yellow (80%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0500, 7.3704, -30.7388 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 213.0500, 7.3704, -30.7388 by changing the saturation by 10% instead.

■ 213.0500, 7.3704,
-30.7388

■ 213.0500, 7.3704,
-30.7388

255.0000, 0.0000,
0.0000

■ 185.3490, 7.2229,
-30.1241

■ 249.0200, 2.9481,
-12.2955

■ 158.3490, 7.2229,
-30.1241

■ 131.6480, 7.0755,
-29.5093

■ 105.9470, 6.9281,
-28.8945

■ 81.0610, 7.3649,
-28.9945

■ 56.4630, 7.6597,
-30.2241

■ 34.4630, 7.6597,

-30.2241

■ 20.3290, 4.2748,
-17.8285

■ 0.1140, 0.4368,
-0.1000

■ 213.0500, 7.3704,
-30.7388

■ 213.0500, 7.3704,
-30.7388

■ 206.1730, 10.7607,
-44.8787

■ 219.9270, 3.9800,
-16.5990

■ 199.2960, 14.1511,
-59.0186

■ 226.8040, 0.5896,
-2.4591

■ 192.7180, 17.3940,
-72.5437

■ 233.3820, -2.6533,
11.0660

■ 185.8410, 20.7844,
-86.6836

■ 236.0730, -3.9800,
16.5990

■ 178.9640, 24.1747,
-100.8234

■ 172.0870, 27.5651,
-114.9633

■ 165.2100, 30.9555,
-129.1032

■ 159.8280, 33.6088,
-140.1692

Harmonies

Analogous

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



213.9170, -0.9451, -23.6062



213.0500, 7.3704, -30.7388



214.0700, 13.7695, -29.8794

Triad

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



213.0500, 7.3704, -30.7388



221.4710, 9.1348, 10.1109



218.7990, -15.1839, 16.8393

Complementary

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



213.0500, 7.3704, -30.7388



192.9500, -7.3703, 30.7389

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.



220.5380, -12.5902, 24.9612



213.0500, 7.3704, -30.7388



221.7130, 2.1135, 22.1767

Square

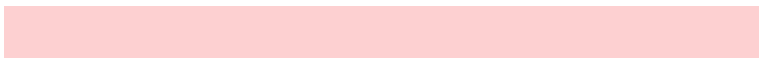
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.0500, 7.3704, -30.7388



219.7510, 14.4198, -5.0436



221.5690, -6.1965, 27.5650



217.2380, -14.4143, 3.2993

Rectangle

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



213.0500, 7.3704, -30.7388



215.6840, 15.9318, -23.4019



221.5690, -6.1965, 27.5650



219.5220, -15.0473, 19.7132

Sweetspot

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



213.0500, 7.3704, -30.7388



249.6180, 2.6533, -11.0660



207.3500, -14.4695, -25.7399



124.7110, 1.6215, -6.7625



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.



213.0500, 7.3704, -30.7388



235.2660, 9.7289, -40.5753



198.3750, 14.6051, -17.8689



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

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



198.6500, 14.4696, 25.7400



216.2580, 19.0998, 33.9767



207.6250, -14.6051, 17.8689



107.9560, 3.4727, 6.1776



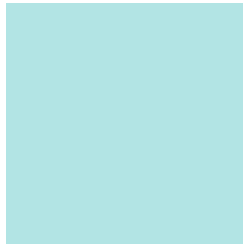
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 213.0500, 7.3704, -30.7388 looks on a white background.

Color Contrast Check

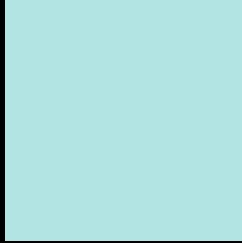
Large Text (above 18pt) WCAG AA × Fail

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 213.0500, 7.3704, -30.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

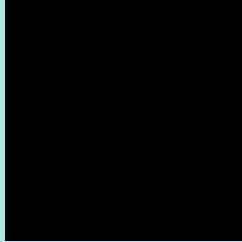
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

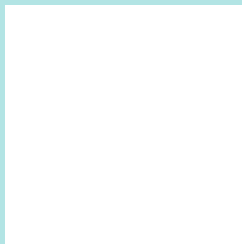
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.0500, 7.3704, -30.7388

Background



This preview shows how black text looks on a background with the YUV color 213.0500, 7.3704, -30.7388.



This preview shows how white text looks on a background with the YUV color 213.0500, 7.3704,

-30.7388.

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

213.0500, 7.3704, -30.7388

Protanopia

218.6520, 1.1576, 2.0592

Deuteranopia

220.4450, 5.2036, 11.0107



Tritanopia

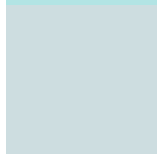
214.5970, 14.4957, -29.4646

Trichromacy



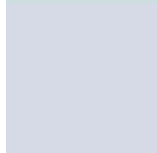
Original Color

213.0500, 7.3704, -30.7388



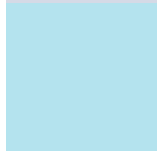
Protanomaly

216.5580, 3.6689, -10.1364



Deuteranomaly

217.8730, 5.9786, -4.2736



Tritanomaly

214.2010, 11.7329, -29.9943

Monochromacy



Original Color

213.0500, 7.3704, -30.7388



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0500, 7.3704, -30.7388 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(178, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(178, 228, 228)  
}
```

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(178, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 228, 228) }
```

Border

The CSS property to change the border of an element to YUV 213.0500, 7.3704, -30.7388 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(178, 228, 228) }
```


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

```
.border{ border-color:rgb(178, 228, 228) }
```

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

Here you see how a box with a 4 pixel rgb(178, 228, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(178, 228,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 213.0500, 7.3704, -30.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 228, 228) }
```

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

```
.background{ background-color: rgb(178,  
228, 228) }
```

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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