

Converting Colors

YUV(213.5070, 7.6380,
-23.2466)

Have a look what the booklet for
YUV(213.5070, 7.6380, -23.2466)
contains.

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Color

**YUV(213.5070, 7.6380,
-23.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE0E5
RGB	187, 224, 229
RGB Percent	73%, 88%, 90%
CMY	0.2667, 0.1216, 0.1020
CMYK	0.18, 0.02, 0.00, 0.10
HSL	187°, 45%, 82%
HSV	187°, 18%, 90%
XYZ	61.2920, 69.5332, 84.3196
YIQ	213.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

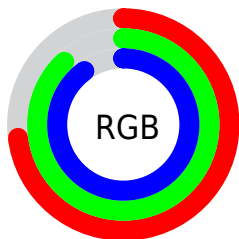
Format	Color
R _Y B	187, 207, 229
Decimal	12312805
CIE Lab	86.77, -10.99, -6.48
CIE LCh	87, 12.755, 210.517
Yxy	69.5332, 0.2849, 0.3232
Android (android.graphics.Color)	4290502885 (0xFFBBE0E5)
YUV	213.5070, 7.6380, -23.2466
Hunter-Lab	83.3866, -14.7229, -1.5827

Details

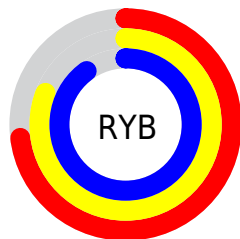
The YUV color $213.5070, 7.6380, -23.2466$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $202.4930, -7.6380, 23.2466$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, 1.6215, -6.7625$, and $158.8060, 7.4906, -22.6319$ is the 20% darker color. If you saturate the color by 10%, you get $204.8690, 11.8966, -35.8421$, and if you desaturate by 10%, it is $222.1450, 3.3795, -10.6512$.

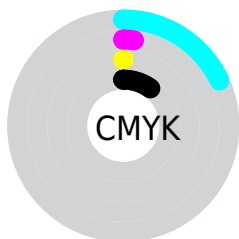
Distribution



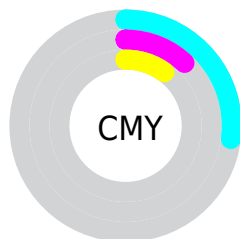
- Red (73%)
- Green (88%)
- Blue (90%)



- Red (73%)
- Yellow (81%)
- Blue (90%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5070, 7.6380, -23.2466 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 213.5070, 7.6380, -23.2466 by changing the saturation by 10% instead.

■ 213.5070, 7.6380,
-23.2466

■ 213.5070, 7.6380,
-23.2466

255.0000, 0.0000,
0.0000

■ 185.8060, 7.4906,
-22.6319

■ 251.7110, 1.6215,
-6.7625

■ 158.8060, 7.4906,
-22.6319

■ 132.1050, 7.3432,
-22.0171

■ 106.9910, 6.9064,
-21.9171

■ 82.2900, 6.7590,
-21.3023

■ 58.4040, 7.1958,
-21.4023

■ 35.3930, 7.2013,

-23.1467

■ 18.5680, 5.1430,
-16.2841

■ 0.2280, 0.8736,
-0.2000

■ 213.5070, 7.6380,
-23.2466

■ 213.5070, 7.6380,
-23.2466

■ 204.8690, 11.8966,
-35.8421

■ 222.1450, 3.3795,
-10.6512

■ 196.8180, 15.8657,
-48.9524

■ 230.1960, -0.5896,
2.4591

■ 188.1800, 20.1243,
-61.5479

■ 238.5350, -4.7008,
14.4398

■ 179.5420, 24.3828,
-74.1433

■ 240.2960, -5.5689,
12.8954

■ 170.9040, 28.6413,
-86.7388

■ 242.0570, -6.4371,
11.3510

■ 163.1520, 32.4631,
-99.2343

■ 243.2310, -7.0159,
10.3214

■ 154.5140, 36.7216,
-111.8298

■ 244.9920, -7.8841,
8.7770

■ 145.8760, 40.9801,
-124.4253

■ 246.7530, -8.7522,
7.2326

■ 144.6800, 41.5698,
-126.8844

■ 248.5140, -9.6204,
5.6882

Harmonies

Analogous

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



213.6230, 1.6649, -20.7174



213.5070, 7.6380, -23.2466



214.8540, 11.4110, -20.0430

Triad

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



213.5070, 7.6380, -23.2466



219.9290, 4.4720, 12.3403



216.6670, -11.6678, 9.0620

Complementary

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



213.5070, 7.6380, -23.2466



202.4930, -7.6380, 23.2466

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.



218.6510, -10.6739, 16.9691



213.5070, 7.6380, -23.2466



219.7790, -1.3700, 19.4878

Square

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



213.5070, 7.6380, -23.2466



218.5300, 9.5987, 1.2892



219.2970, -7.0484, 20.7875



215.1710, -9.4513, -1.9040

Rectangle

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



213.5070, 7.6380, -23.2466



215.8270, 12.4103, -13.8803



219.2970, -7.0484, 20.7875



217.3900, -11.5313, 11.9360

Sweetspot

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



213.5070, 7.6380, -23.2466



249.3410, 2.7899, -8.1921



212.2240, -9.9704, -22.1214



124.1350, 1.9054, -4.5034



0.0000, 0.0000, 0.0000



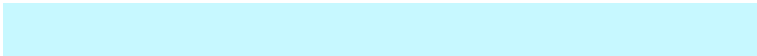
128.0000, 0.0000, 0.0000

Same Dimension

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



213.5070, 7.6380, -23.2466



234.1470, 10.2805, -30.8239



201.1800, 13.7153, -12.4359



110.2380, 2.3477, -6.3477



112.5650, 32.7525, -98.7195



32.2290, 9.2541, -28.2648

Inverse Universe

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



203.7760, 9.9704, 22.1214



221.3300, 13.1483, 29.5286



214.8200, -13.7153, 12.4359



107.7280, 2.5991, 6.3775



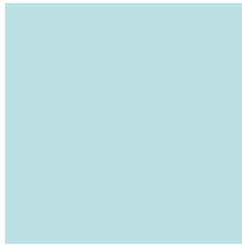
71.4190, 42.1914, 94.3485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 213.5070, 7.6380, -23.2466 looks on a white background.

Color Contrast Check

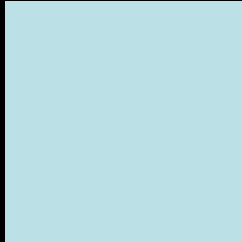
Large Text (above 18pt) WCAG AA × Fail

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 213.5070, 7.6380, -23.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

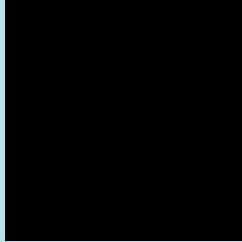
Any Text WCAG AA ✓ Pass

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 213.5070, 7.6380, -23.2466 Background



This preview shows how black text looks on a background with the YUV color 213.5070, 7.6380, -23.2466.



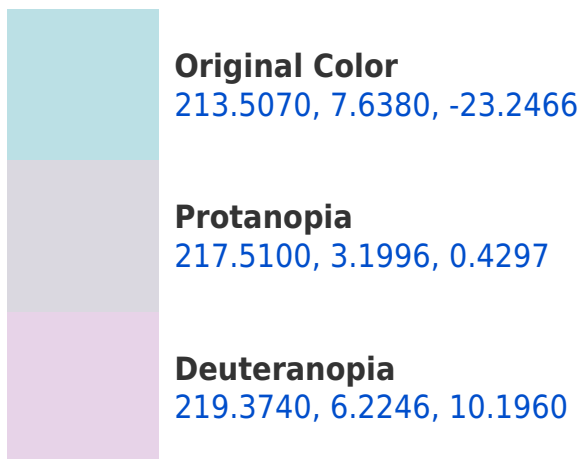
This preview shows how white text looks on a background with the YUV color 213.5070, 7.6380,

-23.2466.

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

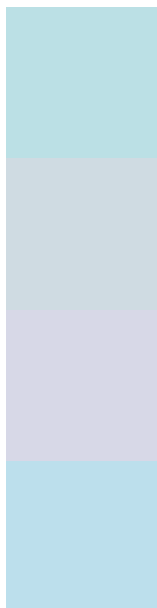




Tritanopia

214.1850, 12.7268, -22.0872

Trichromacy



Original Color

213.5070, 7.6380, -23.2466

Protanomaly

216.2100, 4.8265, -8.0772

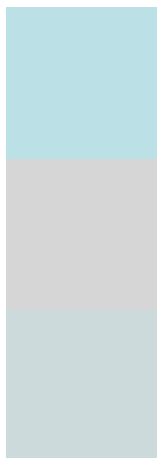
Deuteranomaly

217.4110, 6.6994, -2.1144

Tritanomaly

214.0170, 10.8376, -22.8169

Monochromacy



Original Color

213.5070, 7.6380, -23.2466

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9280, 2.5005, -8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5070, 7.6380, -23.2466 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(187, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(187, 224, 229)  
}
```

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(187, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 224, 229) }
```

Border

The CSS property to change the border of an element to YUV 213.5070, 7.6380, -23.2466 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(187, 224, 229) }
```


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

```
.border{ border-color:rgb(187, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(187, 224,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 213.5070, 7.6380, -23.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 224, 229) }
```

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

```
.background{ background-color: rgb(187,  
224, 229) }
```

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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