

Converting Colors

YUV(219.5070, 7.6380,
-23.2466)

Have a look what the booklet for
YUV(219.5070, 7.6380, -23.2466)
contains.

YUV(219.5070, 7.6380, -23.2466)	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(219.5070, 7.6380,
-23.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E6EB
RGB	193, 230, 235
RGB Percent	76%, 90%, 92%
CMY	0.2431, 0.0980, 0.0784
CMYK	0.18, 0.02, 0.00, 0.08
HSL	187°, 51%, 84%
HSV	187°, 18%, 92%
XYZ	65.2845, 73.9292, 89.4262
YIQ	219.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

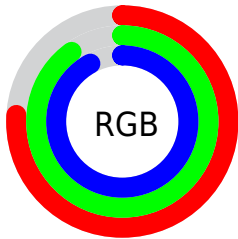
Format	Color
R _Y B	193, 213, 235
Decimal	12707563
CIE Lab	88.89, -10.95, -6.45
CIE LCh	89, 12.711, 210.516
Yxy	73.9292, 0.2855, 0.3233
Android (android.graphics.Color)	4290897643 (0xFFC1E6EB)
YUV	219.5070, 7.6380, -23.2466
Hunter-Lab	85.9821, -14.9372, -1.4774

Details

The YUV color $219.5070, 7.6380, -23.2466$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $208.4930, -7.6380, 23.2466$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $164.1050, 7.3432, -22.0171$ is the 20% darker color. If you saturate the color by 10%, you get $210.8690, 11.8966, -35.8421$, and if you desaturate by 10%, it is $228.4440, 3.2321, -10.0364$.

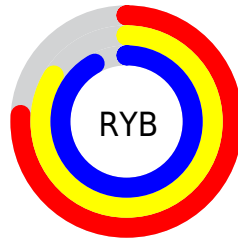
Distribution



Red (76%)

Green (90%)

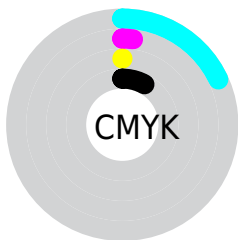
Blue (92%)



Red (76%)

Yellow (84%)

Blue (92%)

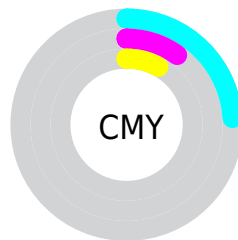


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.5070, 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 219.5070, 7.6380, -23.2466 by changing the saturation by 10% instead.

■ 219.5070, 7.6380,
-23.2466

■ 219.5070, 7.6380,
-23.2466

■ 255.0000, 0.0000,
0.0000

■ 191.8060, 7.4906,
-22.6319

■ 253.5050, 0.7370,
-3.0739

■ 164.1050, 7.3432,
-22.0171

■ 138.1050, 7.3432,
-22.0171

■ 112.4040, 7.1958,
-21.4023

■ 87.4040, 7.1958,
-21.4023

■ 63.7030, 7.0484,
-20.7875

■ 40.6920, 7.0538,

-22.5319

■ 21.4860, 6.1694,
-18.8432

■ 1.2540, 4.8048,
-1.0998

■ 219.5070, 7.6380,
-23.2466

■ 219.5070, 7.6380,
-23.2466

■ 210.8690, 11.8966,
-35.8421

■ 228.4440, 3.2321,
-10.0364

■ 201.9320, 16.3025,
-49.0524

■ 237.0820, -1.0264,
2.5591

■ 193.5820, 20.4191,
-62.7774

■ 242.7410, -3.8163,
10.7511

■ 184.9440, 24.6776,
-75.3729

■ 244.5020, -4.6845,
9.2067

■ 176.0070, 29.0835,
-88.5831

■ 246.2630, -5.5527,
7.6623

■ 167.3690, 33.3421,
-101.1786

■ 248.0240, -6.4208,
6.1180

■ 158.7310, 37.6006,
-113.7741

■ 249.7850, -7.2890,
4.5736

■ 150.3810, 41.7172,
-127.4991

■ 250.9590, -7.8678,
3.5440

■ 148.2990, 42.7436,
-130.0582

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



219.6230, 1.6649, -20.7174



219.5070, 7.6380, -23.2466



220.8540, 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.



219.5070, 7.6380, -23.2466



225.9290, 4.4720, 12.3403



222.6670, -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.



219.5070, 7.6380, -23.2466



208.4930, -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.



224.6510, -10.6739, 16.9691



219.5070, 7.6380, -23.2466



225.7790, -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.



219.5070, 7.6380, -23.2466



224.5300, 9.5987, 1.2892



225.2970, -7.0484, 20.7875



221.1710, -9.4513, -1.9040

Rectangle

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



219.5070, 7.6380, -23.2466



221.8270, 12.4103, -13.8803



225.2970, -7.0484, 20.7875



223.3900, -11.5313, 11.9360

Sweetspot

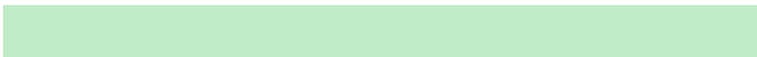
The Sweet Spot groups the original color and five complimentary colors.



219.5070, 7.6380, -23.2466



249.9390, 2.4951, -6.9625



218.2240, -9.9704, -22.1214



125.0210, 1.4686, -4.4034



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.



219.5070, 7.6380, -23.2466



235.3320, 9.6963, -30.1092



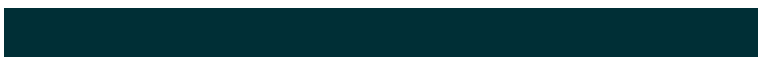
207.1800, 13.7153, -12.4359



113.1240, 1.9109, -6.2477



113.9670, 33.0473, -99.9491



33.7450, 9.9857, -29.5944

Inverse Universe

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



209.7760, 9.9704, 22.1214



222.6180, 13.0063, 28.3990



220.8200, -13.7153, 12.4359



110.4290, 2.7465, 5.7628



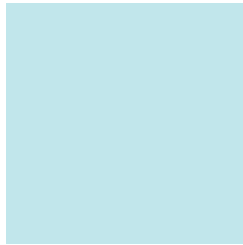
72.2450, 42.7702, 95.3781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 219.5070, 7.6380, -23.2466 looks on a white background.

Color Contrast Check

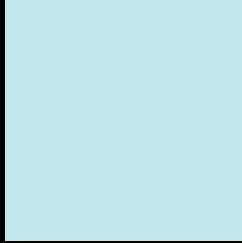
Large Text (above 18pt) WCAG AA × Fail

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 219.5070, 7.6380, -23.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

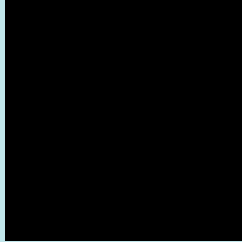
Any Text WCAG AA ✓ Pass

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 219.5070, 7.6380, -23.2466 Background



This preview shows how black text looks on a background with the YUV color 219.5070, 7.6380, -23.2466.



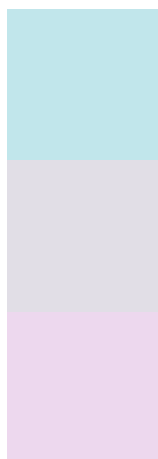
This preview shows how white text looks on a background with the YUV color 219.5070, 7.6380,

-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



Original Color

219.5070, 7.6380, -23.2466

Protanopia

223.8090, 3.0522, 1.0445

Deuteranopia

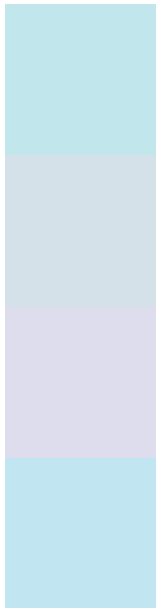
224.7870, 6.5140, 10.7108



Tritanopia

220.1850, 12.7268, -22.0872

Trichromacy



Original Color

219.5070, 7.6380, -23.2466

Protanomaly

222.2100, 4.8265, -8.0772

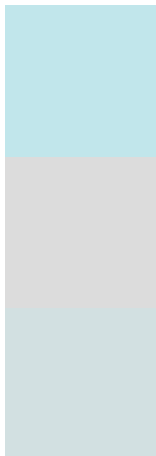
Deuteranomaly

222.8240, 6.9888, -1.5996

Tritanomaly

220.0170, 10.8376, -22.8169

Monochromacy



Original Color

219.5070, 7.6380, -23.2466

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9280, 2.5005, -8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.5070, 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(193, 230, 235)` looks like.

```
.text, #text, p{  
    color:rgb(193, 230, 235)  
}
```

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(193, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 230, 235) }
```

Border

The CSS property to change the border of an element to YUV 219.5070, 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(193, 230, 235) }
```


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

```
.border{ border-color:rgb(193, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(193, 230,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 219.5070, 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(193, 230, 235) }
```

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

```
.background{ background-color: rgb(193,  
230, 235) }
```

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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