

Converting Colors

YUV(220.1870, 9.7678, -6.3030)

Have a look what the booklet for
YUV(220.1870, 9.7678, -6.3030)
contains.

YUV(220.1870, 9.7678, -6.3030)	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(220.1870, 9.7678,
-6.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DCF0
RGB	213, 220, 240
RGB Percent	84%, 86%, 94%
CMY	0.1647, 0.1373, 0.0588
CMYK	0.11, 0.08, 0.00, 0.06
HSL	224°, 47%, 89%
HSV	224°, 11%, 94%
XYZ	68.7619, 71.6238, 92.6387
YIQ	220.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

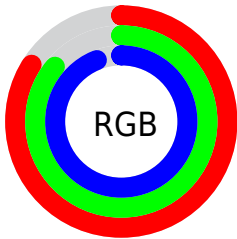
Format	Color
R _Y B	213, 219, 240
Decimal	14015728
CIE Lab	87.79, 1.50, -10.57
CIE LCh	88, 10.676, 278.060
Yxy	71.6238, 0.2951, 0.3074
Android (android.graphics.Color)	4292205808 (0xFFD5DCF0)
YUV	220.1870, 9.7678, -6.3030
Hunter-Lab	84.6308, -3.0740, -5.6585

Details

The YUV color $220.1870, 9.7678, -6.3030$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.8130, -9.7678, 6.3030$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.0730, 9.3310, -6.2030$ is the 20% darker color. If you saturate the color by 10%, you get $202.4450, 18.5146, -11.7913$, and if you desaturate by 10%, it is $237.9290, 1.0210, -0.8147$.

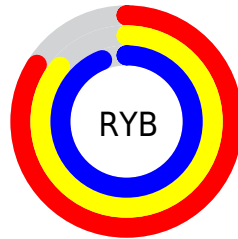
Distribution



Red (84%)

Green (86%)

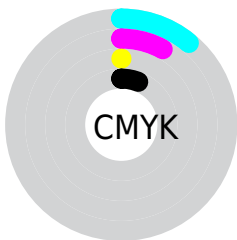
Blue (94%)



Red (84%)

Yellow (86%)

Blue (94%)

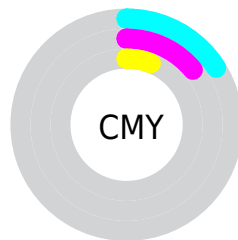


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (16%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.1870, 9.7678, -6.3030 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 220.1870, 9.7678, -6.3030 by changing the saturation by 10% instead.

■ 220.1870, 9.7678,
-6.3030

■ 220.1870, 9.7678,
-6.3030

255.0000, 0.0000,
0.0000

■ 192.1870, 9.7678,
-6.3030

■ 165.0730, 9.3310,
-6.2030

■ 138.9590, 8.8942,
-6.1030

■ 113.2580, 8.7468,
-5.4883

■ 88.8450, 8.4574,
-6.0031

■ 65.7310, 8.0206,
-5.9031

■ 43.6170, 7.5838,

-5.8031

■ 22.5030, 7.1470,
-5.7031

■ 2.4110, 6.6994,
-2.1144

■ 220.1870, 9.7678,
-6.3030

■ 220.1870, 9.7678,
-6.3030

■ 202.4450, 18.5146,
-11.7913

■ 237.9290, 1.0210,
-0.8147

■ 184.7030, 27.2614,
-17.2795

■ 253.2900, -6.5520,
1.4997

■ 167.5480, 35.7188,
-23.2826

■ 149.8060, 44.4656,
-28.7709

■ 132.0640, 53.2124,
-34.2591

■ 114.3220, 61.9593,
-39.7474

■ 97.1670, 70.4167,
-45.7505

■ 79.4250, 79.1635,
-51.2387

■ 63.7540, 86.8893,
-55.9123

Harmonies

Analogous

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



218.5450, 10.0843, -14.5100



220.1870, 9.7678, -6.3030



221.8570, 6.9725, 3.6334

Triad

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



220.1870, 9.7678, -6.3030



221.6880, -6.7482, 17.8136



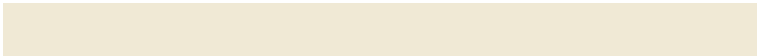
217.5270, -2.7248, -12.7402

Complementary

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



220.1870, 9.7678, -6.3030



232.8130, -9.7678, 6.3030

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.



218.1430, -6.9725, -3.6334



220.1870, 9.7678, -6.3030



220.9710, -9.3527, 13.1804

Square

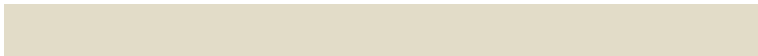
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.1870, 9.7678, -6.3030



222.2410, -2.0908, 17.3286



219.5140, -9.6204, 5.6882



216.6880, 3.1118, -18.1434

Rectangle

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



220.1870, 9.7678, -6.3030



222.2060, 4.3354, 9.4663



219.5140, -9.6204, 5.6882



217.4950, -4.1880, -10.0811

Sweetspot

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



220.1870, 9.7678, -6.3030



249.0860, 2.9156, -1.8294



231.1290, 0.9224, -15.8991



123.8580, 2.0420, -1.6295



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.



220.1870, 9.7678, -6.3030



228.9740, 12.8308, -8.7472



217.8720, 10.9091, 0.9893



111.1290, 4.3734, -2.7441



49.1520, 66.4801, -43.1063



15.1890, 20.1198, -13.3208

Inverse Universe

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



221.8710, -0.9224, 15.8991



230.9040, -0.9387, 21.1322



235.1280, -10.9091, -0.9893



111.9300, -0.4585, 7.0774



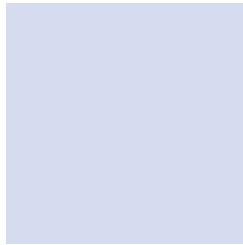
60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 220.1870, 9.7678, -6.3030 looks on a white background.

Color Contrast Check

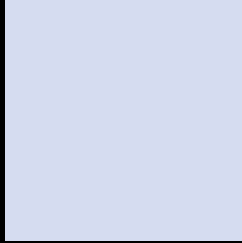
Large Text (above 18pt) WCAG AA × Fail

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 220.1870, 9.7678, -6.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

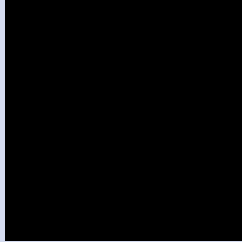
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.1870, 9.7678, -6.3030

Background



This preview shows how black text looks on a background with the YUV color 220.1870, 9.7678, -6.3030.



This preview shows how white text looks on a background with the YUV color 220.1870, 9.7678,

-6.3030.

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

220.1870, 9.7678, -6.3030

Protanopia

220.3940, 9.1728, -2.0995

Deuteranopia

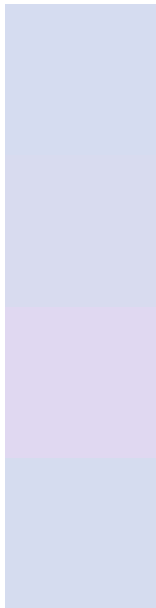
222.1610, 9.2876, 7.7518



Tritanopia

219.9590, 8.8942, -6.1030

Trichromacy



Original Color

220.1870, 9.7678, -6.3030

Protanomaly

220.3830, 9.1782, -3.8439

Deuteranomaly

221.2420, 9.7407, 2.4188

Tritanomaly

220.0730, 9.3310, -6.2030

Monochromacy



Original Color

220.1870, 9.7678, -6.3030

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.1870, 9.7678, -6.3030 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(213, 220, 240)` looks like.

```
.text, #text, p{  
    color:rgb(213, 220, 240)  
}
```

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(213, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 220, 240) }
```

Border

The CSS property to change the border of an element to YUV 220.1870, 9.7678, -6.3030 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(213, 220, 240) }
```


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

```
.border{ border-color:rgb(213, 220, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(213, 220,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 220.1870, 9.7678, -6.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 220, 240) }
```

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

```
.background{ background-color: rgb(213,  
220, 240) }
```

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