

Converting Colors

YUV(196.9160, 10.8874, 7.9667)

Have a look what the booklet for
YUV(196.9160, 10.8874, 7.9667)
contains.

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Color

**YUV(196.9160, 10.8874,
7.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBCDB
RGB	206, 188, 219
RGB Percent	81%, 74%, 86%
CMY	0.1922, 0.2627, 0.1412
CMYK	0.06, 0.14, 0.00, 0.14
HSL	275°, 30%, 80%
HSV	275°, 14%, 86%
XYZ	56.2230, 54.2027, 74.5167
YIQ	196.9160, 0.7770, 13.4570

Conversions

Conversions Part 2

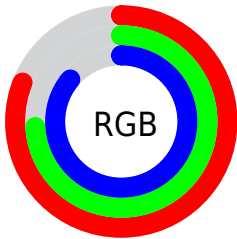
Format	Color
R _Y B	206, 188, 219
Decimal	13548763
CIE Lab	78.58, 12.05, -13.18
CIE LCh	79, 17.859, 312.435
Yxy	54.2027, 0.3040, 0.2931
Android (android.graphics.Color)	4291738843 (0xFFCEBCDB)
YUV	196.9160, 10.8874, 7.9667
Hunter-Lab	73.6225, 7.4750, -8.4744

Details

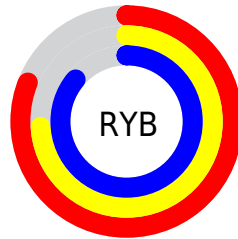
The YUV color **196.9160, 10.8874, 7.9667** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **210.0840, -10.8874, -7.9667**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.5430, 3.1833, 5.6628**, and **143.3890, 10.1612, 7.5518** is the 20% darker color. If you saturate the color by 10%, you get **181.3110, 18.5807, 13.7593**, and if you desaturate by 10%, it is **212.5210, 3.1941, 2.1741**.

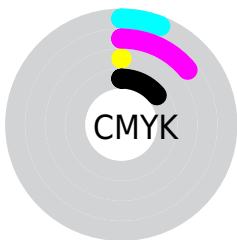
Distribution



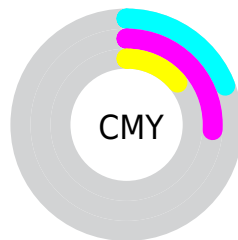
- Red (81%)
- Green (74%)
- Blue (86%)



- Red (81%)
- Yellow (74%)
- Blue (86%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.9160, 10.8874, 7.9667 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 196.9160, 10.8874, 7.9667 by changing the saturation by 10% instead.

■ 196.9160, 10.8874,
7.9667

■ 196.9160, 10.8874,
7.9667

255.0000, 0.0000,
0.0000

■ 169.5030, 10.5980,
7.4519

■ 248.5430, 3.1833,
5.6628

■ 143.3890, 10.1612,
7.5518

■ 117.3890, 10.1612,
7.5518

■ 92.8620, 9.4350,
7.1370

■ 69.1500, 9.2931,
6.0075

■ 46.6230, 8.5669,
5.5926

■ 25.5090, 8.1301,

5.6926

■ 3.4050, 9.1673,
-0.3552

■ 0.0000, 0.0000,
0.0000

■ 196.9160, 10.8874,
7.9667

■ 196.9160, 10.8874,
7.9667

■ 181.3110, 18.5807,
13.7593

■ 212.5210, 3.1941,
2.1741

■ 165.7060, 26.2739,
19.5518

■ 228.1260, -4.4991,
-3.6185

■ 149.8020, 34.1146,
24.7296

■ 244.0300,
-12.3398, -8.7963

■ 134.1970, 41.8079,
30.5222

■ 247.3080,
-13.9558, -3.7781

■ 119.1790, 49.2118,
35.8000

■ 249.9990,
-15.2825, 1.7549

■ 103.5740, 56.9050,
41.5926

■ 250.8960,
-15.7247, 3.5992

■ 87.9690, 64.5983,
47.3852

■ 72.3640, 72.2915,
53.1778

■ 62.9390, 76.9381,
56.1815

Harmonies

Analogous

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



195.0710, 15.7410, -8.8323



196.9160, 10.8874, 7.9667



197.7560, 3.5713, 21.2620

Triad

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



196.9160, 10.8874, 7.9667



194.9950, -15.7735, 19.2984



188.1100, 6.3548, -31.6685

Complementary

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



196.9160, 10.8874, 7.9667



210.0840, -10.8874, -7.9667

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.



189.1730, -2.5503, -22.0767



196.9160, 10.8874, 7.9667



193.3200, -15.4408, 5.8584

Square

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



196.9160, 10.8874, 7.9667



196.1900, -11.4327, 27.0204



190.8990, -10.3032, -8.6814



189.2330, 13.1961, -32.6533

Rectangle

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



196.9160, 10.8874, 7.9667



197.7090, -1.8285, 26.5652



190.8990, -10.3032, -8.6814



188.3230, 3.2918, -29.2243

Sweetspot

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



196.9160, 10.8874, 7.9667



247.9340, 3.4835, 2.6889



199.1650, 9.7787, -9.7917



122.9940, 2.4680, 1.7593



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.



196.9160, 10.8874, 7.9667



224.3770, 15.0971, 11.0704



200.5750, 8.0975, 16.1587



102.0480, 3.9203, 2.5889



49.9210, 60.6779, 44.7963



13.3170, 16.1127, 12.0000

Inverse Universe

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



198.7510, 1.1088, 17.7584



226.9090, 1.5239, 24.6358



206.4250, -8.0975, -16.1587



102.7450, 0.1257, 6.3626



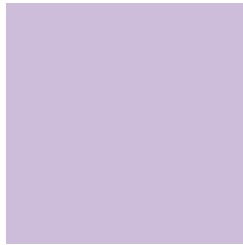
60.0490, 6.3848, 99.0580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 196.9160, 10.8874, 7.9667 looks on a white background.

Color Contrast Check

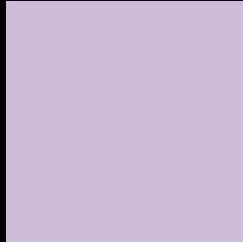
Large Text (above 18pt) WCAG AA × Fail

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 196.9160, 10.8874, 7.9667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

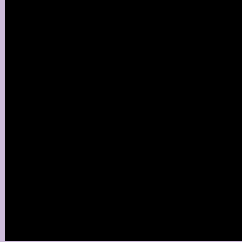
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.9160, 10.8874, 7.9667

Background



This preview shows how black text looks on a background with the YUV color 196.9160, 10.8874, 7.9667.



This preview shows how white text looks on a background with the YUV color 196.9160, 10.8874, 7.9667.

7.9667.

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

196.9160, 10.8874, 7.9667

Protanopia

195.4090, 13.1094, -4.7437

Deuteranopia

196.3070, 11.1876, 4.9928



Tritanopia

195.8960, 4.4883, 7.1072

Trichromacy



Original Color

196.9160, 10.8874, 7.9667

Protanomaly

195.9150, 12.3669, 0.0745

Deuteranomaly

196.6060, 11.0402, 5.6075

Tritanomaly

196.1780, 6.8142, 7.7369

Monochromacy



Original Color

196.9160, 10.8874, 7.9667

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9160, 10.8874, 7.9667 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(206, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 219)  
}
```

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(206, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 219) }
```

Border

The CSS property to change the border of an element to YUV 196.9160, 10.8874, 7.9667 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(206, 188, 219) }
```


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

```
.border{ border-color:rgb(206, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 196.9160, 10.8874, 7.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 219) }
```

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

```
.background{ background-color: rgb(206,  
188, 219) }
```

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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