

Converting Colors

YUV(205.0190, 7.8786, -7.0327)

Have a look what the booklet for
YUV(205.0190, 7.8786, -7.0327)
contains.

YUV(205.0190, 7.8786, -7.0327)	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(205.0190, 7.8786,
-7.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CEDD
RGB	197, 206, 221
RGB Percent	77%, 81%, 87%
CMY	0.2275, 0.1922, 0.1333
CMYK	0.11, 0.07, 0.00, 0.13
HSL	218°, 26%, 82%
HSV	218°, 11%, 87%
XYZ	58.1484, 61.2334, 77.1611
YIQ	205.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

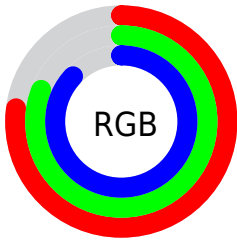
Format	Color
R _Y B	197, 204, 221
Decimal	12963549
CIE Lab	82.50, -0.13, -8.48
CIE LCh	83, 8.477, 269.144
Yxy	61.2334, 0.2959, 0.3116
Android (android.graphics.Color)	4291153629 (0xFFC5CEDD)
YUV	205.0190, 7.8786, -7.0327
Hunter-Lab	78.2518, -4.2983, -3.6874

Details

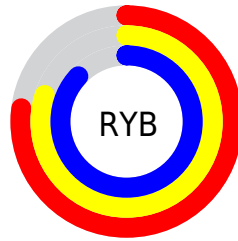
The YUV color $205.0190, 7.8786, -7.0327$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.9810, -7.8786, 7.0327$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, 0.1474, -0.6148$, and $150.9050, 7.4418, -6.9327$ is the 20% darker color. If you saturate the color by 10%, you get $190.2230, 15.1731, -13.3506$, and if you desaturate by 10%, it is $219.8150, 0.5842, -0.7148$.

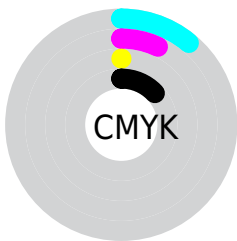
Distribution



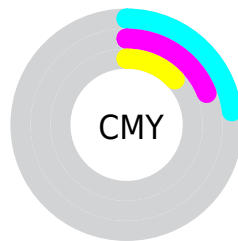
- Red (77%)
- Green (81%)
- Blue (87%)



- Red (77%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.0190, 7.8786, -7.0327 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 205.0190, 7.8786, -7.0327 by changing the saturation by 10% instead.

■ 205.0190, 7.8786,
-7.0327

■ 205.0190, 7.8786,
-7.0327

255.0000, 0.0000,
0.0000

■ 177.9050, 7.4418,
-6.9327

254.7010, 0.1474,
-0.6148

■ 150.9050, 7.4418,
-6.9327

■ 124.9050, 7.4418,
-6.9327

■ 100.0900, 6.8576,
-6.2179

■ 76.0900, 6.8576,
-6.2179

■ 52.9760, 6.4208,
-6.1180

■ 31.8620, 5.9840,

-6.0180

■ 8.6060, 7.5892,
-7.5475

■ 0.0000, 0.0000,
0.0000

■ 205.0190, 7.8786,
-7.0327

■ 205.0190, 7.8786,
-7.0327

■ 190.2230, 15.1731,
-13.3506

■ 219.8150, 0.5842,
-0.7148

■ 175.4270, 22.4675,
-19.6685

■ 234.6110, -6.7102,
5.6032

■ 161.2180, 29.4725,
-26.5012

■ 246.4280,
-12.5360, 7.5176

■ 146.4220, 36.7670,
-32.8191

■ 251.1240,
-14.8511, 3.3993

■ 131.6260, 44.0614,
-39.1370

■ 116.5310, 51.5032,
-46.0697

■ 101.7350, 58.7976,
-52.3876

■ 87.5260, 65.8027,
-59.2203

■ 73.9150, 72.5129,
-64.8235

Harmonies

Analogous

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



203.5730, 7.6055, -12.7805



205.0190, 7.8786, -7.0327



206.0200, 6.3991, 0.8595

Triad

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



205.0190, 7.8786, -7.0327



206.6490, -4.2640, 14.3398



203.1470, -3.0305, -8.0219

Complementary

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



205.0190, 7.8786, -7.0327



212.9810, -7.8786, 7.0327

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.



203.9800, -6.3991, -0.8595



205.0190, 7.8786, -7.0327



205.9430, -6.8739, 11.4510

Square

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



205.0190, 7.8786, -7.0327



207.2620, -0.6222, 12.9252



205.3830, -7.5838, 5.8031



202.8520, 1.0590, -13.0252

Rectangle

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



205.0190, 7.8786, -7.0327



206.8850, 4.4937, 5.3629



205.3830, -7.5838, 5.8031



203.8160, -4.3463, -5.9776

Sweetspot

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



205.0190, 7.8786, -7.0327



249.6730, 2.6262, -2.3442



212.7980, -0.3934, -13.8548



123.8580, 2.0420, -1.6295



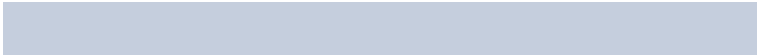
0.0000, 0.0000, 0.0000



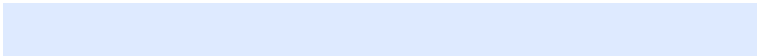
128.0000, 0.0000, 0.0000

Same Dimension

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



205.0190, 7.8786, -7.0327



232.8060, 10.9416, -9.4769



200.6330, 10.0409, -0.5551



102.6020, 3.6472, -3.1590



57.8770, 56.7556, -50.7581



15.2230, 15.1731, -13.3506

Inverse Universe

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



205.2020, 0.3934, 13.8548



233.2350, 0.3771, 19.0879



217.3670, -10.0409, 0.5551



102.7450, 0.1257, 6.3626



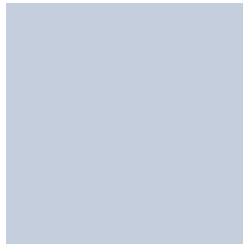
59.1370, 2.8905, 99.8579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 205.0190, 7.8786, -7.0327 looks on a white background.

Color Contrast Check

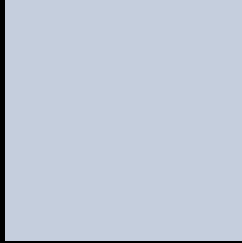
Large Text (above 18pt) WCAG AA × Fail

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 205.0190, 7.8786, -7.0327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

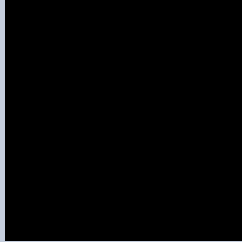
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.0190, 7.8786, -7.0327

Background



This preview shows how black text looks on a background with the YUV color 205.0190, 7.8786, -7.0327.



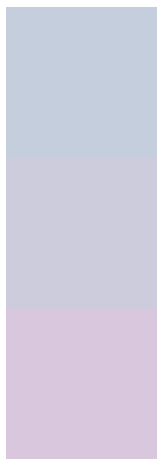
This preview shows how white text looks on a background with the YUV color 205.0190, 7.8786,

-7.0327.

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

205.0190, 7.8786, -7.0327

Protanopia

206.1230, 6.8414, -0.9849

Deuteranopia

207.0040, 7.3930, 8.7665



Tritanopia

205.1330, 8.3154, -7.1326

Trichromacy



Original Color

205.0190, 7.8786, -7.0327

Protanomaly

205.8130, 6.9942, -3.3440

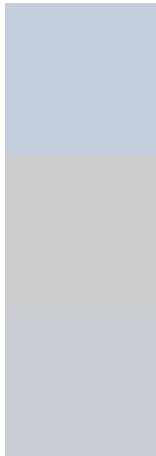
Deuteranomaly

206.6720, 7.5567, 2.9187

Tritanomaly

205.1330, 8.3154, -7.1326

Monochromacy



Original Color

205.0190, 7.8786, -7.0327

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.0190, 7.8786, -7.0327 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(197, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 221)  
}
```

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(197, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 221) }
```

Border

The CSS property to change the border of an element to YUV 205.0190, 7.8786, -7.0327 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(197, 206, 221) }
```


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

```
.border{ border-color:rgb(197, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 205.0190, 7.8786, -7.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 221) }
```

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

```
.background{ background-color: rgb(197,  
206, 221) }
```

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