

Converting Colors

YUV(203.3150, 19.0717,
-3.7843)

Have a look what the booklet for
YUV(203.3150, 19.0717, -3.7843)
contains.

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Color

**YUV(203.3150, 19.0717,
-3.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6F2
RGB	199, 198, 242
RGB Percent	78%, 78%, 95%
CMY	0.2196, 0.2235, 0.0510
CMYK	0.18, 0.18, 0.00, 0.05
HSL	241°, 63%, 86%
HSV	241°, 18%, 95%
XYZ	59.7743, 58.9411, 92.2307
YIQ	203.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

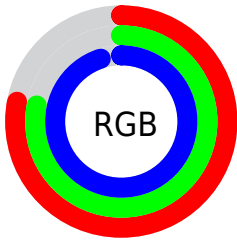
Format	Color
R _Y B	199, 198, 242
Decimal	13092594
CIE Lab	81.26, 9.16, -21.55
CIE LCh	81, 23.413, 293.029
Yxy	58.9411, 0.2834, 0.2794
Android (android.graphics.Color)	4291282674 (0xFFC7C6F2)
YUV	203.3150, 19.0717, -3.7843
Hunter-Lab	76.7731, 4.6243, -17.4864

Details

The YUV color $203.3150, 19.0717, -3.7843$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.6850, -19.0717, 3.7843$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $149.0870, 18.1981, -3.5843$ is the 20% darker color. If you saturate the color by 10%, you get $182.0510, 29.5549, -6.1837$, and if you desaturate by 10%, it is $224.5790, 8.5886, -1.3848$.

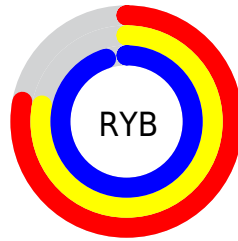
Distribution



Red (78%)

Green (78%)

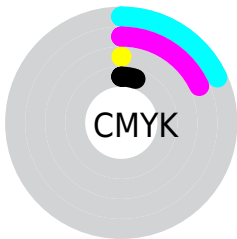
Blue (95%)



Red (78%)

Yellow (78%)

Blue (95%)

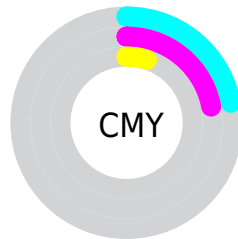


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3150, 19.0717, -3.7843 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 203.3150, 19.0717, -3.7843 by changing the saturation by 10% instead.

■ 203.3150, 19.0717,
-3.7843

■ 203.3150, 19.0717,
-3.7843

255.0000, 0.0000,
0.0000

■ 175.9020, 18.7823,
-4.2991

■ 149.0870, 18.1981,
-3.5843

■ 123.5600, 17.4719,
-3.9991

■ 98.1470, 17.1825,
-4.5139

■ 73.9190, 16.3089,
-4.3140

■ 51.0930, 15.7302,
-5.3436

■ 29.2670, 15.1514,

-6.3732

■ 4.6310, 16.4509,
-3.1844

■ 2.2970, 6.2626,
-2.0145

■ 203.3150, 19.0717,
-3.7843

■ 203.3150, 19.0717,
-3.7843

■ 182.0510, 29.5549,
-6.1837

■ 224.5790, 8.5886,
-1.3848

■ 161.0860, 39.8906,
-7.9684

■ 245.5440, -1.7472,
0.3999

■ 139.2350, 50.6631,
-9.8531

■ 253.5180, -5.6784,
1.2997

■ 117.9710, 61.1463,
-12.2526

■ 97.0060, 71.4820,
-14.0373

■ 75.7420, 81.9652,
-16.4367

■ 54.4780, 92.4483,
-18.8362

■ 32.9260, 103.0735,
-20.1061

■ 29.0830, 104.9681,
-21.1208

Harmonies

Analogous

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



199.0950, 22.6312, -25.5163



203.3150, 19.0717, -3.7843



205.3840, 11.1497, 17.2032

Triad

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



203.3150, 19.0717, -3.7843



203.6160, -17.5587, 31.9088



193.7090, 1.1295, -35.7018

Complementary

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



203.3150, 19.0717, -3.7843



236.6850, -19.0717, 3.7843

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.



196.1320, -10.4181, -18.5328



203.3150, 19.0717, -3.7843



201.9150, -21.1571, 19.3685

Square

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



203.3150, 19.0717, -3.7843



204.8260, -9.2812, 36.9866



199.3750, -18.9189, 1.4251



192.6290, 12.5079, -45.2786

Rectangle

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



203.3150, 19.0717, -3.7843



206.0280, 4.4232, 28.0394



199.3750, -18.9189, 1.4251



194.3030, -3.1074, -30.0837

Sweetspot

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



203.3150, 19.0717, -3.7843



243.7810, 5.5310, -0.6849



228.2570, 6.7753, -26.5354



120.9120, 3.4944, -0.7998



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.



203.3150, 19.0717, -3.7843



205.6830, 24.3133, -4.9840



209.8930, 15.8288, 9.7408



109.3680, 5.2416, -1.1997



22.1720, 79.7812, -15.9368



6.6830, 24.3133, -4.9840

Inverse Universe

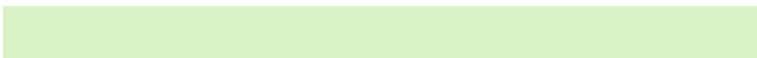
The Inverse Universe completely reimagines the original color for something new.



216.0580, 12.2964, 22.7511



222.0140, 15.7691, 28.9287



230.1070, -15.8288, -9.7408



112.9560, 3.4727, 6.1776



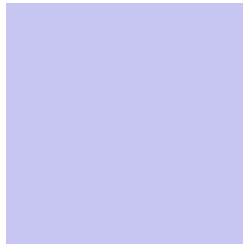
75.4220, 51.0640, 95.2229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 203.3150, 19.0717, -3.7843 looks on a white background.

Color Contrast Check

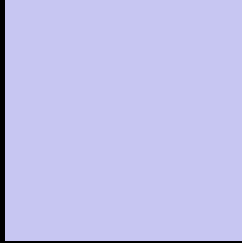
Large Text (above 18pt) WCAG AA × Fail

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 203.3150, 19.0717, -3.7843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

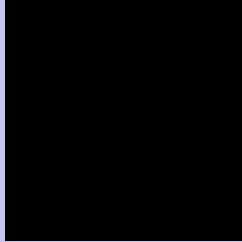
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.3150, 19.0717, -3.7843

Background



This preview shows how black text looks on a background with the YUV color 203.3150, 19.0717, -3.7843.



This preview shows how white text looks on a background with the YUV color 203.3150, 19.0717, -3.7843.

-3.7843.

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

203.3150, 19.0717, -3.7843

Protanopia

202.5100, 19.9616, -9.2173

Deuteranopia

203.3260, 19.0663, -2.0399



Tritanopia

201.7310, 8.0206, -5.9031

Trichromacy



Original Color

203.3150, 19.0717, -3.7843

Protanomaly

202.8200, 19.8087, -6.8581

Deuteranomaly

203.0270, 19.2137, -2.6547

Tritanomaly

202.4690, 12.0938, -5.6733

Monochromacy



Original Color

203.3150, 19.0717, -3.7843

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.1230, 6.8414, -0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3150, 19.0717, -3.7843 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(199, 198, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 242)  
}
```

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(199, 198, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 242) }
```

Border

The CSS property to change the border of an element to YUV 203.3150, 19.0717, -3.7843 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(199, 198, 242) }
```


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

```
.border{ border-color:rgb(199, 198, 242) }
```

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

Here you see how a box with a 4 pixel rgb(199, 198, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 203.3150, 19.0717, -3.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 242) }
```

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

```
.background{ background-color: rgb(199,  
198, 242) }
```

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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