

Converting Colors

YUV(203.6570, 20.3821,
-4.0842)

Have a look what the booklet for
YUV(203.6570, 20.3821, -4.0842)
contains.

YUV(203.6570, 20.3821, -4.0842)	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(203.6570, 20.3821,
-4.0842)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C6F5
RGB	199, 198, 245
RGB Percent	78%, 78%, 96%
CMY	0.2196, 0.2235, 0.0392
CMYK	0.19, 0.19, 0.00, 0.04
HSL	241°, 70%, 87%
HSV	241°, 19%, 96%
XYZ	60.2287, 59.1229, 94.6237
YIQ	203.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

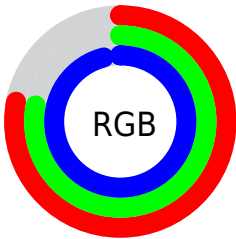
Format	Color
R _Y B	199, 198, 245
Decimal	13092597
CIE Lab	81.36, 9.81, -23.00
CIE LCh	81, 25.003, 293.104
Yxy	59.1229, 0.2815, 0.2763
Android (android.graphics.Color)	4291282677 (0xFFC7C6F5)
YUV	203.6570, 20.3821, -4.0842
Hunter-Lab	76.8914, 5.2584, -19.1392

Details

The YUV color $203.6570, 20.3821, -4.0842$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.3430, -20.3821, 4.0842$, 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 $149.4290, 19.5085, -3.8842$ is the 20% darker color. If you saturate the color by 10%, you get $182.3930, 30.8653, -6.4837$, and if you desaturate by 10%, it is $225.5080, 9.6096, -2.1995$.

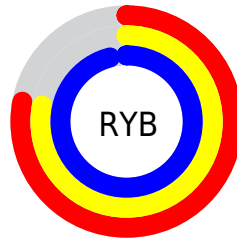
Distribution



Red (78%)

Green (78%)

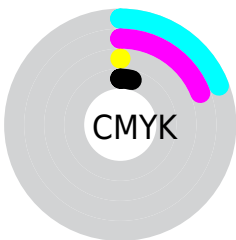
Blue (96%)



Red (78%)

Yellow (78%)

Blue (96%)

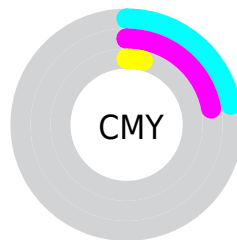


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6570, 20.3821, -4.0842 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 203.6570, 20.3821, -4.0842 by changing the saturation by 10% instead.

■ 203.6570, 20.3821,
-4.0842

■ 203.6570, 20.3821,
-4.0842

255.0000, 0.0000,
0.0000

■ 176.1300, 19.6559,
-4.4990

■ 149.4290, 19.5085,
-3.8842

■ 123.6030, 18.9297,
-4.9138

■ 98.3750, 18.0561,
-4.7139

■ 74.2610, 17.6193,
-4.6139

■ 51.3210, 16.6037,
-5.5435

■ 29.1960, 16.1724,

-7.1879

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 203.6570, 20.3821,
-4.0842

■ 203.6570, 20.3821,
-4.0842

■ 182.3930, 30.8653,
-6.4837

■ 225.5080, 9.6096,
-2.1995

■ 160.5420, 41.6378,
-8.3683

■ 246.7720, -0.8736,
0.2000

■ 139.2780, 52.1209,
-10.7678

■ 253.8600, -4.3680,
0.9998

■ 117.4270, 62.8935,
-12.6525

■ 96.1630, 73.3766,
-15.0520

■ 74.3120, 84.1492,
-16.9366

■ 52.4610, 94.9217,
-18.8213

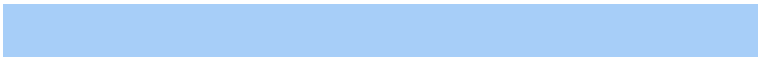
■ 31.1970, 105.4049,
-21.2208

■ 29.4250, 106.2785,
-21.4207

Harmonies

Analogous

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



199.1270, 24.0944, -28.1754



203.6570, 20.3821, -4.0842



205.6230, 12.0179, 18.7476

Triad

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



203.6570, 20.3821, -4.0842



203.6980, -18.5851, 34.4679



193.3990, 1.2823, -38.0609

Complementary

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



203.6570, 20.3821, -4.0842



239.3430, -20.3821, 4.0842

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.



196.1920, -11.4337, -19.4624



203.6570, 20.3821, -4.0842



201.8720, -22.6149, 20.2833

Square

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



203.6570, 20.3821, -4.0842



205.3210, -10.0183, 40.0605



199.1470, -19.7925, 1.6251



192.2480, 13.6817, -48.4525

Rectangle

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



203.6570, 20.3821, -4.0842



206.4520, 4.7072, 30.2986



199.1470, -19.7925, 1.6251



193.9930, -2.9545, -32.4429

Sweetspot

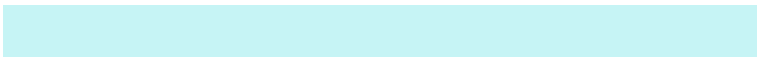
The Sweet Spot groups the original color and five complimentary colors.



203.6570, 20.3821, -4.0842



241.7100, 6.5520, -1.4997



230.3600, 7.2175, -28.3797



120.0260, 3.9312, -0.8998



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.



203.6570, 20.3821, -4.0842



203.3240, 25.4763, -4.6691



210.5340, 16.9917, 10.0557



111.3680, 5.2416, -1.1997



22.4000, 80.6548, -16.1368



7.0250, 25.6237, -5.2839

Inverse Universe

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



217.2970, 13.1646, 24.2955



220.2530, 16.6373, 30.4731



232.4660, -16.9917, -10.0557



114.9560, 3.4727, 6.1776



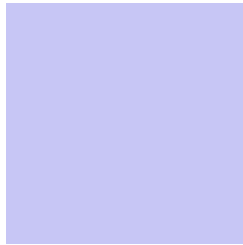
76.3620, 52.0795, 96.1525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 203.6570, 20.3821, -4.0842 looks on a white background.

Color Contrast Check

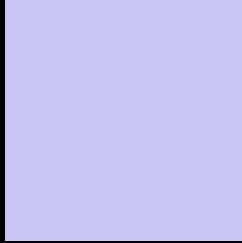
Large Text (above 18pt) WCAG AA × Fail

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 203.6570, 20.3821, -4.0842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

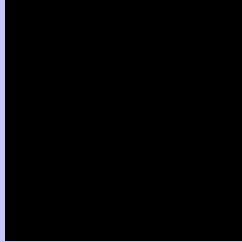
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.6570, 20.3821, -4.0842

Background



This preview shows how black text looks on a background with the YUV color 203.6570, 20.3821, -4.0842.



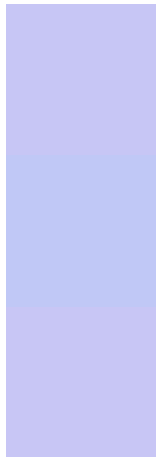
This preview shows how white text looks on a background with the YUV color 203.6570, 20.3821, -4.0842.

-4.0842.

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

203.6570, 20.3821, -4.0842

Protanopia

202.8520, 21.2720, -9.5172

Deuteranopia

203.9560, 20.2347, -3.4694



Tritanopia

202.1330, 8.3154, -7.1326

Trichromacy



Original Color

203.6570, 20.3821, -4.0842

Protanomaly

203.1620, 21.1191, -7.1581

Deuteranomaly

203.9560, 20.2347, -3.4694

Tritanomaly

202.5830, 12.5306, -5.7733

Monochromacy



Original Color

203.6570, 20.3821, -4.0842

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6570, 20.3821, -4.0842 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 245) }
```

Border

The CSS property to change the border of an element to YUV 203.6570, 20.3821, -4.0842 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, 245) }
```


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

```
.border{ border-color:rgb(199, 198, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 203.6570, 20.3821, -4.0842 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, 245) }
```

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

```
.background{ background-color: rgb(199,  
198, 245) }
```

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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