

Converting Colors

YUV(201.0410, 11.3188, 9.6110)

Have a look what the booklet for
YUV(201.0410, 11.3188, 9.6110)
contains.

YUV(201.0410, 11.3188, 9.6110)	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(201.0410, 11.3188,
9.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BFE0
RGB	212, 191, 224
RGB Percent	83%, 75%, 88%
CMY	0.1686, 0.2510, 0.1216
CMYK	0.05, 0.15, 0.00, 0.12
HSL	278°, 35%, 81%
HSV	278°, 15%, 88%
XYZ	59.2367, 56.6405, 78.3316
YIQ	201.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

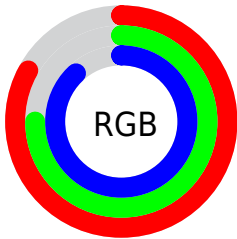
Format	Color
R _Y B	212, 191, 224
Decimal	13942752
CIE Lab	79.98, 13.40, -13.73
CIE LCh	80, 19.183, 314.299
Yxy	56.6405, 0.3050, 0.2916
Android (android.graphics.Color)	4292132832 (0xFFD4BFE0)
YUV	201.0410, 11.3188, 9.6110
Hunter-Lab	75.2599, 8.7918, -9.0280

Details

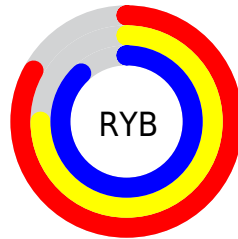
The YUV color $201.0410, 11.3188, 9.6110$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $213.9590, -11.3188, -9.6110$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $147.2150, 10.7400, 8.5814$ is the 20% darker color. If you saturate the color by 10%, you get $185.7350, 18.8646, 16.0184$, and if you desaturate by 10%, it is $216.3470, 3.7729, 3.2037$.

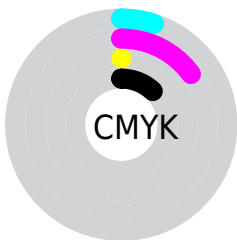
Distribution



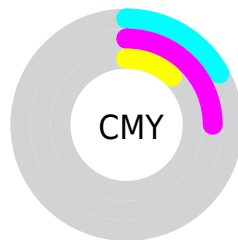
- Red (83%)
- Green (75%)
- Blue (88%)



- Red (83%)
- Yellow (75%)
- Blue (88%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.0410, 11.3188, 9.6110 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 201.0410, 11.3188, 9.6110 by changing the saturation by 10% instead.

■ 201.0410, 11.3188,
9.6110

■ 201.0410, 11.3188,
9.6110

255.0000, 0.0000,
0.0000

■ 173.6280, 11.0294,
9.0962

■ 250.3040, 2.3151,
4.1184

■ 147.2150, 10.7400,
8.5814

■ 121.1010, 10.3032,
8.6814

■ 96.6880, 10.0138,
8.1666

■ 72.2750, 9.7244,
7.6518

■ 49.7480, 8.9982,
7.2370

■ 28.3350, 8.7088,

6.7222

■ 8.0470, 8.8508,
7.8518

■ 0.0000, 0.0000,
0.0000

■ 201.0410, 11.3188,
9.6110

■ 201.0410, 11.3188,
9.6110

■ 185.7350, 18.8646,
16.0184

■ 216.3470, 3.7729,
3.2037

■ 169.8420, 26.6999,
22.9406

■ 232.2400, -4.0623,
-3.7185

■ 154.5360, 34.2458,
29.3479

■ 245.7850,
-10.7400, -8.5814

■ 138.3440, 42.2284,
35.6553

■ 248.4760,
-12.0667, -3.0485

■ 123.0380, 49.7743,
42.0627

■ 250.8680,
-13.2459, 1.8698

■ 107.7320, 57.3201,
48.4700

■ 251.4660,
-13.5407, 3.0993

■ 91.8390, 65.1554,
55.3922

■ 76.5330, 72.7012,
61.7996

■ 68.2930, 76.7636,
65.5180

Harmonies

Analogous

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



198.7120, 16.9040, -8.5174



201.0410, 11.3188, 9.6110



201.9520, 2.9817, 23.7211

Triad

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



201.0410, 11.3188, 9.6110



198.6530, -17.0839, 19.5983



191.6150, 7.0918, -34.7424

Complementary

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



201.0410, 11.3188, 9.6110



213.9590, -11.3188, -9.6110

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.



192.5640, -2.2501, -25.0506



201.0410, 11.3188, 9.6110



196.7930, -16.1669, 5.4435

Square

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



201.0410, 11.3188, 9.6110



200.4460, -13.0379, 28.5499



194.6600, -11.1714, -10.2258



192.6780, 14.9487, -34.7976

Rectangle

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



201.0410, 11.3188, 9.6110



201.7910, -2.8550, 29.1243



194.6600, -11.1714, -10.2258



191.8280, 4.0288, -32.2982

Sweetspot

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



201.0410, 11.3188, 9.6110



247.9340, 3.4835, 2.6889



201.8060, 10.9416, -9.4769



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.



201.0410, 11.3188, 9.6110



222.9150, 15.8179, 13.2295



204.1730, 7.8027, 17.3883



104.3470, 3.7729, 3.2037



53.5520, 60.3669, 51.2589



14.7410, 16.3967, 14.2591

Inverse Universe

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



202.2350, 0.3771, 19.0879



224.6920, 0.6448, 26.5801



210.8270, -7.8027, -17.3883



104.7450, 0.1257, 6.3626



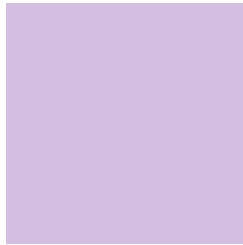
59.9200, 2.0114, 101.8022



16.4040, 0.7868, 27.7097

Previews

White Background



This preview shows how the YUV color 201.0410, 11.3188, 9.6110 looks on a white background.

Color Contrast Check

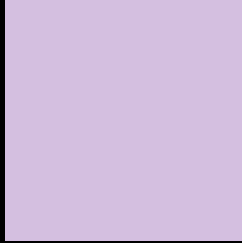
Large Text (above 18pt) WCAG AA × Fail

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 201.0410, 11.3188, 9.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

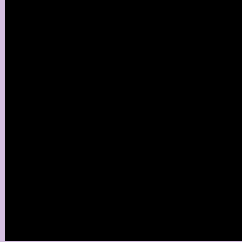
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.0410, 11.3188, 9.6110

Background



This preview shows how black text looks on a background with the YUV color 201.0410, 11.3188, 9.6110.



This preview shows how white text looks on a background with the YUV color 201.0410, 11.3188, 9.6110.

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

201.0410, 11.3188, 9.6110

Protanopia

199.3380, 14.1304, -5.5584

Deuteranopia

200.4210, 11.6244, 4.8928



Tritanopia

200.4940, 4.1935, 8.3368

Trichromacy



Original Color

201.0410, 11.3188, 9.6110

Protanomaly

200.1430, 13.2405, -0.1254

Deuteranomaly

200.4320, 11.6190, 6.6371

Tritanomaly

200.7760, 6.5194, 8.9664

Monochromacy



Original Color

201.0410, 11.3188, 9.6110

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.0410, 11.3188, 9.6110 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(212, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 224)  
}
```

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(212, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 224) }
```

Border

The CSS property to change the border of an element to YUV 201.0410, 11.3188, 9.6110 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(212, 191, 224) }
```


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

```
.border{ border-color:rgb(212, 191, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 201.0410, 11.3188, 9.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 224) }
```

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

```
.background{ background-color: rgb(212,  
191, 224) }
```

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