

Converting Colors

YUV(210.9370, 12.3561, 3.5633)

Have a look what the booklet for
YUV(210.9370, 12.3561, 3.5633)
contains.

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Color

**YUV(210.9370, 12.3561,
3.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCEC
RGB	215, 204, 236
RGB Percent	84%, 80%, 93%
CMY	0.1569, 0.2000, 0.0745
CMYK	0.09, 0.14, 0.00, 0.07
HSL	261°, 46%, 86%
HSV	261°, 14%, 93%
XYZ	64.7575, 63.6889, 88.2370
YIQ	210.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

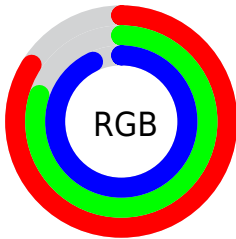
Format	Color
R _Y B	215, 204, 236
Decimal	14142700
CIE Lab	83.80, 9.78, -14.39
CIE LCh	84, 17.397, 304.204
Yxy	63.6889, 0.2989, 0.2939
Android (android.graphics.Color)	4292332780 (0xFFD7CCEC)
YUV	210.9370, 12.3561, 3.5633
Hunter-Lab	79.8053, 5.1833, -9.6904

Details

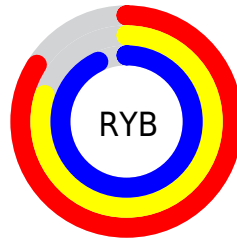
The YUV color $210.9370, 12.3561, 3.5633$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.0630, -12.3561, -3.5633$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $156.4100, 11.6299, 3.1484$ is the 20% darker color. If you saturate the color by 10%, you get $192.3640, 21.5125, 6.6968$, and if you desaturate by 10%, it is $229.5100, 3.1996, 0.4297$.

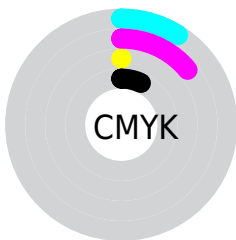
Distribution



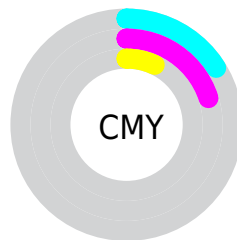
- Red (84%)
- Green (80%)
- Blue (93%)



- Red (84%)
- Yellow (80%)
- Blue (93%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.9370, 12.3561, 3.5633 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 210.9370, 12.3561, 3.5633 by changing the saturation by 10% instead.

■ 210.9370, 12.3561,
3.5633

■ 210.9370, 12.3561,
3.5633

255.0000, 0.0000,
0.0000

■ 183.5240, 12.0667,
3.0485

■ 156.4100, 11.6299,
3.1484

■ 130.2960, 11.1931,
3.2484

■ 104.8830, 10.9037,
2.7336

■ 80.7690, 10.4669,
2.8336

■ 58.2420, 9.7407,
2.4188

■ 35.8290, 9.4513,

1.9040

■ 14.2530, 9.7353,
4.1631

■ 1.0260, 3.9312,
-0.8998

■ 210.9370, 12.3561,
3.5633

■ 210.9370, 12.3561,
3.5633

■ 192.3640, 21.5125,
6.6968

■ 229.5100, 3.1996,
0.4297

■ 174.0790, 30.5271,
8.7007

■ 247.7950, -5.8149,
-1.5742

■ 155.5060, 39.6835,
11.8342

■ 252.8340, -8.2992,
1.8996

■ 137.2210, 48.6980,
13.8382

■ 118.6480, 57.8545,
16.9717

■ 99.7760, 67.1584,
19.4904

■ 81.7900, 76.0255,
22.1092

■ 62.9180, 85.3294,
24.6279

■ 51.1230, 91.1444,
26.2021

Harmonies

Analogous

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



208.7500, 15.8993, -12.9358



210.9370, 12.3561, 3.5633



212.6030, 5.6187, 17.8882

Triad

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



210.9370, 12.3561, 3.5633



209.9460, -14.7634, 21.9724



203.4370, 3.7286, -29.3242

Complementary

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



210.9370, 12.3561, 3.5633



229.0630, -12.3561, -3.5633

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.



204.2120, -5.0345, -18.6029



210.9370, 12.3561, 3.5633



208.5270, -16.0358, 10.0618

Square

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



210.9370, 12.3561, 3.5633



211.2440, -9.9803, 27.8500



206.4650, -12.0612, -4.7928



203.7770, 11.4489, -32.2534

Rectangle

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



210.9370, 12.3561, 3.5633



212.2680, 0.3609, 24.3210



206.4650, -12.0612, -4.7928



203.0630, 0.9549, -26.3653

Sweetspot

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



210.9370, 12.3561, 3.5633



247.0370, 3.9258, 0.8446



219.9750, 7.9003, -14.0101



122.3960, 2.7628, 0.5297



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.



210.9370, 12.3561, 3.5633



222.8600, 15.8450, 4.5078



215.7210, 9.9975, 13.3997



108.4500, 4.2152, 1.3594



39.1720, 69.9212, 20.0202



11.5380, 20.9338, 5.6672

Inverse Universe

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



215.9620, 4.4557, 17.5733



229.3370, 5.7499, 22.5065



224.2790, -9.9975, -13.3997



110.0870, 1.4361, 6.0627



67.6850, 25.2983, 99.3773



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 210.9370, 12.3561, 3.5633 looks on a white background.

Color Contrast Check

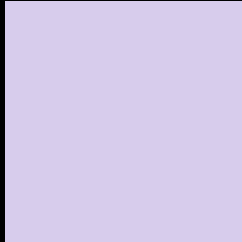
Large Text (above 18pt) WCAG AA × Fail

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 210.9370, 12.3561, 3.5633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

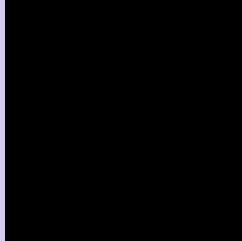
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.9370, 12.3561, 3.5633

Background



This preview shows how black text looks on a background with the YUV color 210.9370, 12.3561, 3.5633.



This preview shows how white text looks on a background with the YUV color 210.9370, 12.3561, 3.5633.

3.5633.

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

210.9370, 12.3561, 3.5633

Protanopia

209.6370, 13.9830, -4.9436

Deuteranopia

210.6490, 12.4980, 4.6928



Tritanopia

210.0310, 6.3937, 2.6038

Trichromacy



Original Color

210.9370, 12.3561, 3.5633

Protanomaly

210.1320, 13.2459, -1.8698

Deuteranomaly

210.6490, 12.4980, 4.6928

Tritanomaly

210.3130, 8.7197, 3.2335

Monochromacy



Original Color

210.9370, 12.3561, 3.5633

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.5640, 4.6519, 1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.9370, 12.3561, 3.5633 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(215, 204, 236)` looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 236)  
}
```

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(215, 204, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 236) }
```

Border

The CSS property to change the border of an element to YUV 210.9370, 12.3561, 3.5633 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(215, 204, 236) }
```


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

```
.border{ border-color:rgb(215, 204, 236) }
```

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

Here you see how a box with a 4 pixel rgb(215, 204, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 236);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 210.9370, 12.3561, 3.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 236) }
```

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

```
.background{ background-color: rgb(215,  
204, 236) }
```

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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