

Converting Colors

YUV(219.9370, 12.3561, 3.5633)

Have a look what the booklet for
YUV(219.9370, 12.3561, 3.5633)
contains.

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Color

**YUV(219.9370, 12.3561,
3.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5F5
RGB	224, 213, 245
RGB Percent	88%, 84%, 96%
CMY	0.1216, 0.1647, 0.0392
CMYK	0.09, 0.13, 0.00, 0.04
HSL	261°, 62%, 90%
HSV	261°, 13%, 96%
XYZ	71.0162, 70.0284, 96.1601
YIQ	219.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

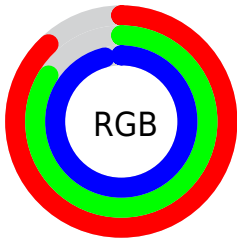
Format	Color
R _Y B	224, 213, 245
Decimal	14734837
CIE Lab	87.01, 9.70, -14.28
CIE LCh	87, 17.261, 304.175
Yxy	70.0284, 0.2994, 0.2952
Android (android.graphics.Color)	4292924917 (0xFFE0D5F5)
YUV	219.9370, 12.3561, 3.5633
Hunter-Lab	83.6830, 5.0359, -9.5521

Details

The YUV color $219.9370, 12.3561, 3.5633$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $238.0630, -12.3561, -3.5633$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.8230, 11.9193, 3.6632$ is the 20% darker color. If you saturate the color by 10%, you get $201.0650, 21.6600, 6.0820$, and if you desaturate by 10%, it is $239.3960, 2.7628, 0.5297$.

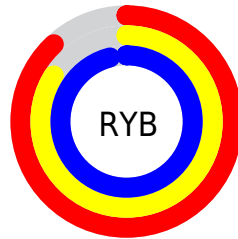
Distribution



Red (88%)

Green (84%)

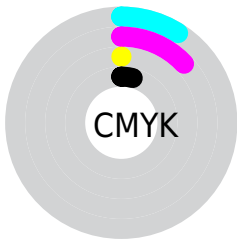
Blue (96%)



Red (88%)

Yellow (84%)

Blue (96%)

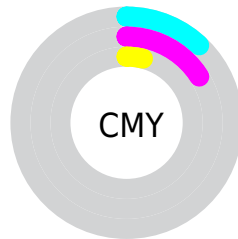


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.9370, 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 219.9370, 12.3561, 3.5633 by changing the saturation by 10% instead.

■ 219.9370, 12.3561,
3.5633

■ 219.9370, 12.3561,
3.5633

255.0000, 0.0000,
0.0000

■ 191.9370, 12.3561,
3.5633

■ 164.8230, 11.9193,
3.6632

■ 138.4100, 11.6299,
3.1484

■ 112.8830, 10.9037,
2.7336

■ 88.7690, 10.4669,
2.8336

■ 65.3560, 10.1775,
2.3188

■ 42.8290, 9.4513,

1.9040

■ 22.3020, 8.7251,
1.4891

■ 2.7530, 8.0098,
-2.4144

■ 219.9370, 12.3561,
3.5633

■ 219.9370, 12.3561,
3.5633

■ 201.0650, 21.6600,
6.0820

■ 239.3960, 2.7628,
0.5297

■ 181.6060, 31.2532,
9.1155

■ 253.8600, -4.3680,
0.9998

■ 162.1470, 40.8465,
12.1491

■ 143.2750, 50.1504,
14.6678

■ 124.4030, 59.4543,
17.1866

■ 104.9440, 69.0476,
20.2201

■ 85.7730, 78.4989,
22.1241

■ 66.3140, 88.0922,
25.1576

■ 53.0460, 94.6333,
27.1467

Harmonies

Analogous

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



217.7500, 15.8993, -12.9358



219.9370, 12.3561, 3.5633



221.6030, 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.



219.9370, 12.3561, 3.5633



218.9460, -14.7634, 21.9724



212.4370, 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.



219.9370, 12.3561, 3.5633



238.0630, -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.



213.2120, -5.0345, -18.6029



219.9370, 12.3561, 3.5633



216.9400, -15.7464, 10.5766

Square

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



219.9370, 12.3561, 3.5633



220.2440, -9.9803, 27.8500



215.4650, -12.0612, -4.7928



212.7770, 11.4489, -32.2534

Rectangle

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



219.9370, 12.3561, 3.5633



221.2680, 0.3609, 24.3210



215.4650, -12.0612, -4.7928



212.3620, 0.8075, -25.7505

Sweetspot

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



219.9370, 12.3561, 3.5633



247.0370, 3.9258, 0.8446



228.9750, 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.



219.9370, 12.3561, 3.5633



222.8600, 15.8450, 4.5078



224.7210, 9.9975, 13.3997



112.5640, 4.6519, 1.2594



40.3400, 71.8104, 20.7498



12.7060, 22.8229, 6.3968

Inverse Universe

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



224.9620, 4.4557, 17.5733



229.3370, 5.7499, 22.5065



233.2790, -9.9975, -13.3997



114.5000, 1.7255, 6.5775



69.5220, 25.8717, 102.1512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 219.9370, 12.3561, 3.5633 looks on a white background.

Color Contrast Check

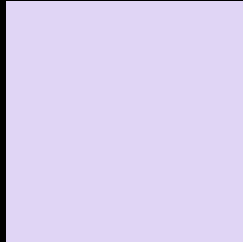
Large Text (above 18pt) WCAG AA × Fail

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 219.9370, 12.3561, 3.5633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

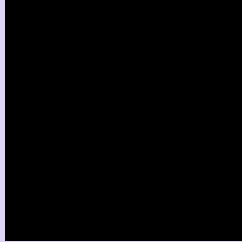
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.9370, 12.3561, 3.5633

Background



This preview shows how black text looks on a background with the YUV color 219.9370, 12.3561, 3.5633.



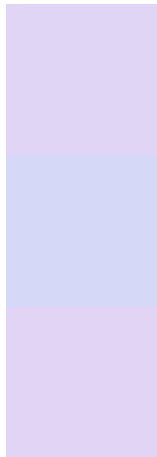
This preview shows how white text looks on a background with the YUV color 219.9370, 12.3561, 3.5633.

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

219.9370, 12.3561, 3.5633

Protanopia

218.6370, 13.9830, -4.9436

Deuteranopia

219.9480, 12.3506, 5.3076



Tritanopia

219.0310, 6.3937, 2.6038

Trichromacy



Original Color

219.9370, 12.3561, 3.5633

Protanomaly

219.1320, 13.2459, -1.8698

Deuteranomaly

219.6490, 12.4980, 4.6928

Tritanomaly

219.3130, 8.7197, 3.2335

Monochromacy



Original Color

219.9370, 12.3561, 3.5633

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.5640, 4.6519, 1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9370, 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(224, 213, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 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(224, 213, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 245) }
```

Border

The CSS property to change the border of an element to YUV 219.9370, 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(224, 213, 245) }
```


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

```
.border{ border-color:rgb(224, 213, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 213, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 219.9370, 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(224, 213, 245) }
```

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

```
.background{ background-color: rgb(224,  
213, 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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