

Converting Colors

YUV(221.6290, 6.0989, 3.8334)

Have a look what the booklet for
YUV(221.6290, 6.0989, 3.8334)
contains.

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Color

**YUV(221.6290, 6.0989,
3.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D9EA
RGB	226, 217, 234
RGB Percent	89%, 85%, 92%
CMY	0.1137, 0.1490, 0.0824
CMYK	0.03, 0.07, 0.00, 0.08
HSL	272°, 29%, 88%
HSV	272°, 7%, 92%
XYZ	71.0282, 71.7350, 87.9445
YIQ	221.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

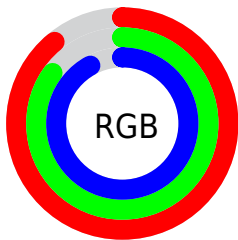
Format	Color
R_{YB}	226, 217, 234
Decimal	14866922
CIE _{Lab}	87.84, 6.14, -7.22
CIE _{LCh}	88, 9.481, 310.390
Yxy	71.7350, 0.3079, 0.3109
Android (android.graphics.Color)	4293057002 (0xFFE2D9EA)
YUV	221.6290, 6.0989, 3.8334
Hunter-Lab	84.6965, 1.4748, -2.2762

Details

The YUV color `221.6290, 6.0989, 3.8334` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `229.3710, -6.0989, -3.8334`, and the grayscale version is `222.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `166.5150, 5.6621, 3.9333` is the 20% darker color. If you saturate the color by 10%, you get `204.8390, 14.3764, 8.9112`, and if you desaturate by 10%, it is `238.4190, -2.1786, -1.2445`.

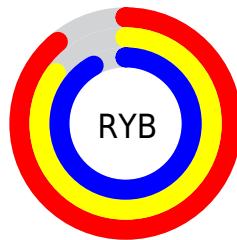
Distribution



Red (89%)

Green (85%)

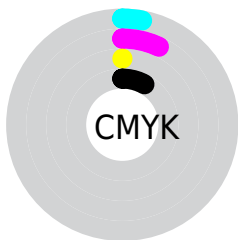
Blue (92%)



Red (89%)

Yellow (85%)

Blue (92%)

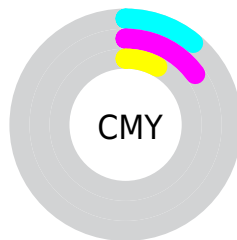


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.6290, 6.0989, 3.8334 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 221.6290, 6.0989, 3.8334 by changing the saturation by 10% instead.

■ 221.6290, 6.0989,
3.8334

■ 221.6290, 6.0989,
3.8334

255.0000, 0.0000,
0.0000

■ 193.6290, 6.0989,
3.8334

■ 166.5150, 5.6621,
3.9333

■ 140.2160, 5.8095,
3.3186

■ 115.1020, 5.3727,
3.4185

■ 90.1020, 5.3727,
3.4185

■ 66.6890, 5.0833,
2.9037

■ 44.5750, 4.6465,

3.0037

■ 24.1620, 4.3571,
2.4889

■ 1.0260, 3.9312,
-0.8998

■ 221.6290, 6.0989,
3.8334

■ 221.6290, 6.0989,
3.8334

■ 204.8390, 14.3764,
8.9112

■ 238.4190, -2.1786,
-1.2445

■ 187.4620, 22.9432,
14.5038

■ 250.5130, -8.1409,
-2.2039

■ 170.6720, 31.2207,
19.5817

■ 252.6060, -9.1728,
2.0995

■ 153.2950, 39.7876,
25.1743

■ 136.5050, 48.0650,
30.2521

■ 119.7150, 56.3425,
35.3299

■ 102.3380, 64.9094,
40.9226

■ 85.5480, 73.1868,
46.0004

■ 68.1710, 81.7537,
51.5930

Harmonies

Analogous

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



220.5570, 8.5994, -4.8735



221.6290, 6.0989, 3.8334



222.3480, 2.2934, 11.0958

Triad

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



221.6290, 6.0989, 3.8334



221.1880, -8.4737, 11.2361



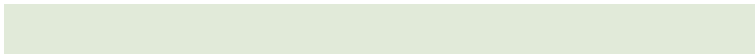
217.5850, 2.6696, -16.2990

Complementary

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



221.6290, 6.0989, 3.8334



229.3710, -6.0989, -3.8334

Split Complementary

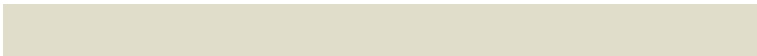
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.7660, -1.8566, -11.1958



221.6290, 6.0989, 3.8334



220.1440, -8.4520, 4.2587

Square

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



221.6290, 6.0989, 3.8334



221.4920, -6.1586, 15.3545



218.3710, -6.0989, -3.8334



218.0240, 6.8902, -16.6840

Rectangle

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



221.6290, 6.0989, 3.8334



222.1590, -1.0644, 14.7696



218.3710, -6.0989, -3.8334



217.5420, 1.2118, -15.3843

Sweetspot

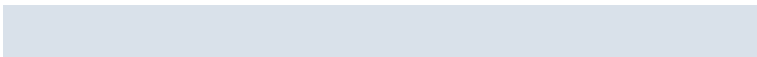
The Sweet Spot groups the original color and five complimentary colors.



221.6290, 6.0989, 3.8334



251.4670, 1.7418, 1.3444



223.6340, 5.1104, -5.8180



125.6410, 1.1630, 0.3148



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.



221.6290, 6.0989, 3.8334



238.2100, 8.2775, 5.0778



224.0210, 4.9196, 8.7516



109.0480, 3.9203, 2.5889



49.3380, 64.9094, 40.9226



14.5280, 19.4597, 11.8149

Inverse Universe

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



222.9950, 0.9885, 9.6514



240.1310, 1.4144, 13.0401



226.9790, -4.9196, -8.7516



109.8590, 0.5625, 6.2627



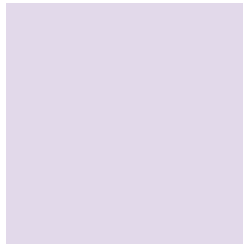
63.8090, 10.4472, 102.7765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 221.6290, 6.0989, 3.8334 looks on a white background.

Color Contrast Check

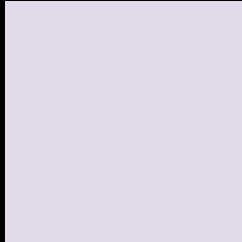
Large Text (above 18pt) WCAG AA × Fail

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 221.6290, 6.0989, 3.8334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

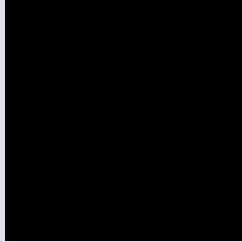
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

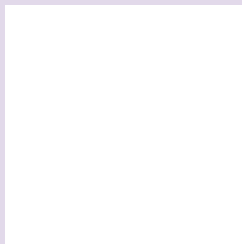
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.6290, 6.0989, 3.8334

Background



This preview shows how black text looks on a background with the YUV color 221.6290, 6.0989, 3.8334.



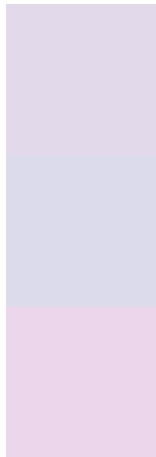
This preview shows how white text looks on a background with the YUV color 221.6290, 6.0989,

3.8334.

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

221.6290, 6.0989, 3.8334

Protanopia

221.1230, 6.8414, -0.9849

Deuteranopia

222.6730, 6.0772, 10.8108



Tritanopia

221.6290, 6.0989, 3.8334

Trichromacy



Original Color

221.6290, 6.0989, 3.8334

Protanomaly

221.1340, 6.8359, 0.7595

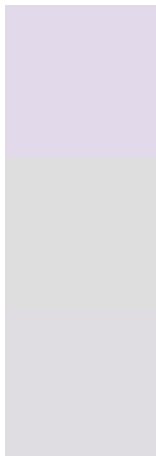
Deuteranomaly

222.3630, 6.2300, 8.4516

Tritanomaly

221.6290, 6.0989, 3.8334

Monochromacy



Original Color

221.6290, 6.0989, 3.8334

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.5810, 2.1786, 1.2445

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.6290, 6.0989, 3.8334 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(226, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 234)  
}
```

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(226, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 234) }
```

Border

The CSS property to change the border of an element to YUV 221.6290, 6.0989, 3.8334 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(226, 217, 234) }
```


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

```
.border{ border-color:rgb(226, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 221.6290, 6.0989, 3.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 234) }
```

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

```
.background{ background-color: rgb(226,  
217, 234) }
```

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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