

Converting Colors

YUV(228.7600, 4.0623, 3.7185)

Have a look what the booklet for
YUV(228.7600, 4.0623, 3.7185)
contains.

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Color

**YUV(228.7600, 4.0623,
3.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E1ED
RGB	233, 225, 237
RGB Percent	91%, 88%, 93%
CMY	0.0863, 0.1176, 0.0706
CMYK	0.02, 0.05, 0.00, 0.07
HSL	280°, 25%, 91%
HSV	280°, 5%, 93%
XYZ	75.8155, 77.2885, 91.0430
YIQ	228.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

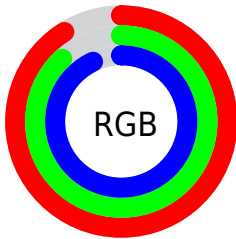
Format	Color
R _Y B	233, 225, 237
Decimal	15327725
CIE Lab	90.45, 4.85, -4.88
CIE LCh	90, 6.880, 314.850
Yxy	77.2885, 0.3105, 0.3166
Android (android.graphics.Color)	4293517805 (0xFFE9E1ED)
YUV	228.7600, 4.0623, 3.7185
Hunter-Lab	87.9139, 0.0863, 0.1394

Details

The YUV color `228.7600, 4.0623, 3.7185` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `233.2400, -4.0623, -3.7185`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.3470, 3.7729, 3.2037` is the 20% darker color. If you saturate the color by 10%, you get `212.2800, 12.1870, 11.1554`, and if you desaturate by 10%, it is `245.2400, -4.0623, -3.7185`.

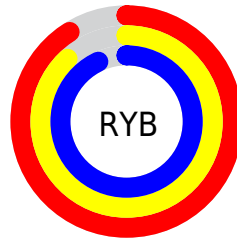
Distribution



Red (91%)

Green (88%)

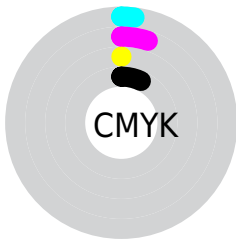
Blue (93%)



Red (91%)

Yellow (88%)

Blue (93%)

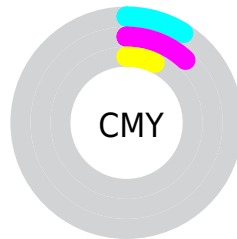


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.7600, 4.0623, 3.7185 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 228.7600, 4.0623, 3.7185 by changing the saturation by 10% instead.

■ 228.7600, 4.0623,
3.7185

■ 228.7600, 4.0623,
3.7185

255.0000, 0.0000,
0.0000

■ 200.7600, 4.0623,
3.7185

■ 173.3470, 3.7729,
3.2037

■ 146.6460, 3.6255,
3.8185

■ 121.2330, 3.3361,
3.3037

■ 96.2330, 3.3361,
3.3037

■ 72.8200, 3.0467,
2.7889

■ 49.8200, 3.0467,

2.7889

■ 28.8200, 3.0467,
2.7889

■ 4.1730, 4.3517,
4.2333

■ 228.7600, 4.0623,
3.7185

■ 228.7600, 4.0623,
3.7185

■ 212.2800, 12.1870,
11.1554

■ 245.2400, -4.0623,
-3.7185

■ 196.3870, 20.0222,
18.0776

■ 251.1540, -6.9779,
-1.8891

■ 179.9070, 28.1468,
25.5146

■ 252.9480, -7.8624,
1.7996

■ 163.4270, 36.2715,
32.9515

■ 146.9470, 44.3961,
40.3885

■ 131.3530, 52.0840,
47.9254

■ 114.8730, 60.2086,
55.3624

■ 98.3930, 68.3333,
62.7993

■ 82.5000, 76.1685,
69.7215

Harmonies

Analogous

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



227.8840, 5.9732, -2.5293



228.7600, 4.0623, 3.7185



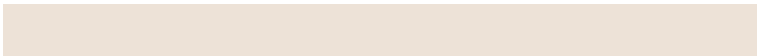
229.2830, 0.8465, 8.5218

Triad

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



228.7600, 4.0623, 3.7185



228.0350, -6.4263, 7.8623



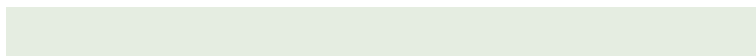
225.9060, 2.5113, -12.1956

Complementary

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



228.7600, 4.0623, 3.7185



233.2400, -4.0623, -3.7185

Split Complementary

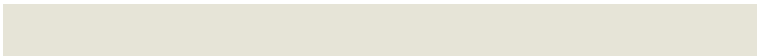
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.7170, -0.8465, -8.5218



228.7600, 4.0623, 3.7185



227.1160, -5.9732, 2.5293

Square

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



228.7600, 4.0623, 3.7185



228.5130, -4.6899, 10.9511



226.2400, -4.0623, -3.7185



226.3020, 5.2741, -11.6659

Rectangle

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



228.7600, 4.0623, 3.7185



229.1370, -1.0535, 11.2809



226.2400, -4.0623, -3.7185



225.8630, 1.0535, -11.2809

Sweetspot

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



228.7600, 4.0623, 3.7185



251.4670, 1.7418, 1.3444



228.7160, 4.0840, -3.2589



125.9400, 1.0156, 0.9296



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.



228.7600, 4.0623, 3.7185



244.7000, 5.0779, 4.6481



229.7280, 2.5991, 6.3775



111.7060, 2.6099, 2.8888



56.8130, 61.2242, 56.2920



16.9200, 18.2804, 16.7332

Inverse Universe

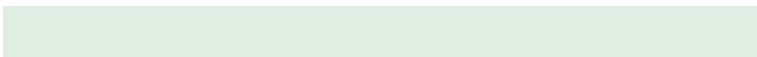
The Inverse Universe completely reimagines the original color for something new.



229.0440, -0.0217, 6.9774



245.0550, -0.0271, 8.7218



232.2720, -2.5991, -6.3775



111.7340, 0.1311, 4.6183



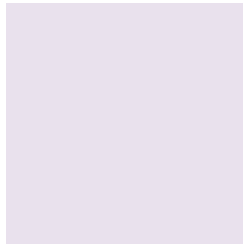
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 228.7600, 4.0623, 3.7185 looks on a white background.

Color Contrast Check

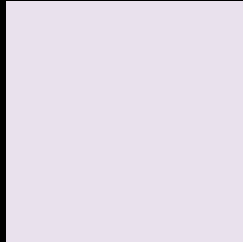
Large Text (above 18pt) WCAG AA × Fail

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 228.7600, 4.0623, 3.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

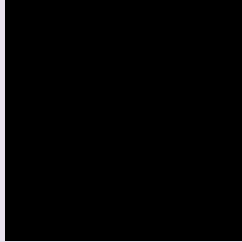
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

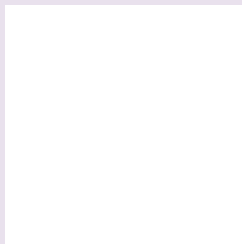
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.7600, 4.0623, 3.7185

Background



This preview shows how black text looks on a background with the YUV color 228.7600, 4.0623, 3.7185.



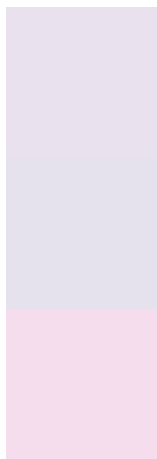
This preview shows how white text looks on a background with the YUV color 228.7600, 4.0623,

3.7185.

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

228.7600, 4.0623, 3.7185

Protanopia

228.2650, 4.7994, 0.6446

Deuteranopia

230.1140, 3.8878, 13.0550



Tritanopia

229.0420, 6.3883, 4.3482

Trichromacy



Original Color

228.7600, 4.0623, 3.7185

Protanomaly

228.5640, 4.6519, 1.2594

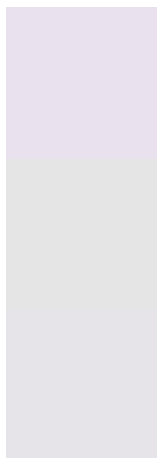
Deuteranomaly

229.5050, 4.1880, 10.0811

Tritanomaly

228.8140, 5.5147, 4.5481

Monochromacy



Original Color

228.7600, 4.0623, 3.7185

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.7600, 4.0623, 3.7185 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(233, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 237)  
}
```

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(233, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 237) }
```

Border

The CSS property to change the border of an element to YUV 228.7600, 4.0623, 3.7185 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(233, 225, 237) }
```


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

```
.border{ border-color:rgb(233, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 228.7600, 4.0623, 3.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 225, 237) }
```

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

```
.background{ background-color: rgb(233,  
225, 237) }
```

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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