

Converting Colors

YUV(228.0100, 4.9251, 7.0072)

Have a look what the booklet for
YUV(228.0100, 4.9251, 7.0072)
contains.

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Color

**YUV(228.0100, 4.9251,
7.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDEEE
RGB	236, 222, 238
RGB Percent	93%, 87%, 93%
CMY	0.0745, 0.1294, 0.0667
CMYK	0.01, 0.07, 0.00, 0.07
HSL	292°, 32%, 90%
HSV	292°, 7%, 93%
XYZ	76.1460, 76.2485, 91.5930
YIQ	228.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

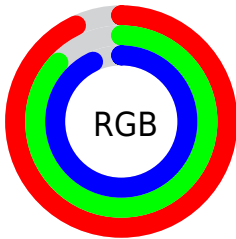
Format	Color
R _Y B	236, 222, 238
Decimal	15523566
CIE Lab	89.97, 7.59, -6.08
CIE LCh	90, 9.729, 321.297
Yxy	76.2485, 0.3121, 0.3125
Android (android.graphics.Color)	4293713646 (0xFFECDEEE)
YUV	228.0100, 4.9251, 7.0072
Hunter-Lab	87.3204, 2.8467, -1.0668

Details

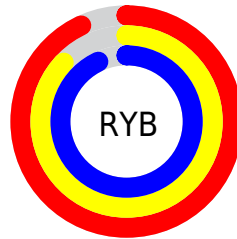
The YUV color `228.0100, 4.9251, 7.0072` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `231.9900, -4.9251, -7.0072`, and the grayscale version is `228.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `172.5970, 4.6357, 6.4924` is the 20% darker color. If you saturate the color by 10%, you get `213.0250, 12.3127, 17.5181`, and if you desaturate by 10%, it is `242.9950, -2.4625, -3.5036`.

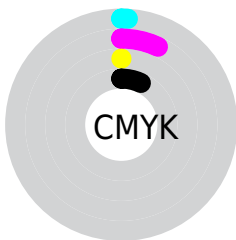
Distribution



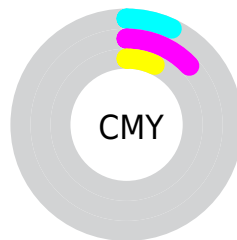
- Red (93%)
- Green (87%)
- Blue (93%)



- Red (93%)
- Yellow (87%)
- Blue (93%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.0100, 4.9251, 7.0072 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 228.0100, 4.9251, 7.0072 by changing the saturation by 10% instead.

■ 228.0100, 4.9251,
7.0072

■ 228.0100, 4.9251,
7.0072

255.0000, 0.0000,
0.0000

■ 200.0100, 4.9251,
7.0072

■ 172.5970, 4.6357,
6.4924

■ 146.1840, 4.3463,
5.9776

■ 120.1840, 4.3463,
5.9776

■ 95.1840, 4.3463,
5.9776

■ 71.7710, 4.0569,
5.4628

■ 49.3580, 3.7675,

4.9480

■ 28.3580, 3.7675,
4.9480

■ 5.1840, 4.3463,
5.9776

■ 228.0100, 4.9251,
7.0072

■ 228.0100, 4.9251,
7.0072

■ 213.0250, 12.3127,
17.5181

■ 242.9950, -2.4625,
-3.5036

■ 198.0400, 19.7003,
28.0289

■ 249.1750, -5.5093,
-6.2925

■ 183.6420, 26.7985,
38.0250

■ 250.0720, -5.9515,
-4.4481

■ 168.6570, 34.1861,
48.5358

■ 250.9690, -6.3937,
-2.6038

■ 153.6720, 41.5737,
59.0467

■ 251.8660, -6.8359,
-0.7595

■ 138.6870, 48.9613,
69.5575

■ 252.7630, -7.2782,
1.0848

■ 123.7020, 56.3489,
80.0683

■ 253.0620, -7.4256,
1.6996

■ 109.3040, 63.4471,
90.0644

■ 94.3190, 70.8347,
100.5752

Harmonies

Analogous

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



227.1660, 8.2992, -1.8996



228.0100, 4.9251, 7.0072



228.2020, 0.3934, 13.8548

Triad

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



228.0100, 4.9251, 7.0072



226.6500, -9.1944, 9.0770



223.7420, 4.5642, -17.3137

Complementary

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



228.0100, 4.9251, 7.0072



231.9900, -4.9251, -7.0072

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.



223.4990, -0.2460, -14.4696



228.0100, 4.9251, 7.0072



225.5350, -8.1518, 1.2848

Square

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



228.0100, 4.9251, 7.0072



227.4380, -7.6109, 14.5249



223.9900, -4.9251, -7.0072



223.9640, 7.9057, -15.7544

Rectangle

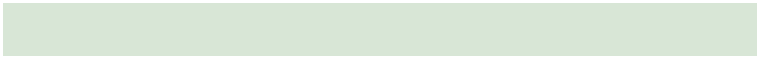
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.0100, 4.9251, 7.0072



228.1160, -2.5222, 15.6843



223.9900, -4.9251, -7.0072



223.4000, 3.2538, -17.0138

Sweetspot

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



228.0100, 4.9251, 7.0072



251.7660, 1.5944, 1.9592



224.9980, 6.4100, -2.6292



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.



228.0100, 4.9251, 7.0072



242.3630, 6.2300, 8.4516



227.9240, 2.0095, 8.8367



112.3580, 3.7675, 4.9480



69.1150, 56.6383, 80.5831



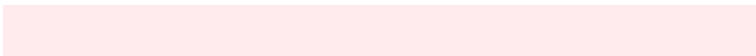
21.0350, 17.2377, 24.5253

Inverse Universe

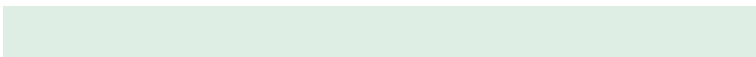
The Inverse Universe completely reimagines the original color for something new.



227.0120, -1.4849, 9.6365



241.2080, -2.0745, 12.0956



232.0760, -2.0095, -8.8367



111.7020, -1.3321, 7.2773



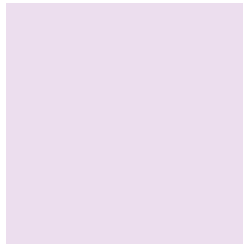
57.6380, -17.0765, 110.8195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 228.0100, 4.9251, 7.0072 looks on a white background.

Color Contrast Check

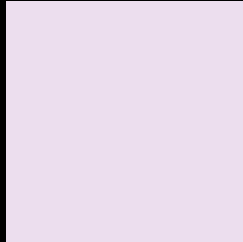
Large Text (above 18pt) WCAG AA × Fail

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 228.0100, 4.9251, 7.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

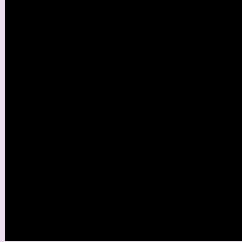
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

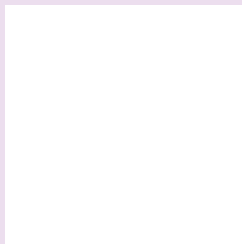
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.0100, 4.9251, 7.0072

Background



This preview shows how black text looks on a background with the YUV color 228.0100, 4.9251, 7.0072.



This preview shows how white text looks on a background with the YUV color 228.0100, 4.9251,

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

228.0100, 4.9251, 7.0072

Protanopia

227.0090, 6.4046, -0.8849

Deuteranopia

228.9290, 4.4720, 12.3403



Tritanopia

228.1240, 5.3619, 6.9073

Trichromacy



Original Color

228.0100, 4.9251, 7.0072

Protanomaly

227.5040, 5.6675, 2.1890

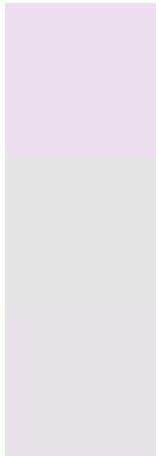
Deuteranomaly

228.6190, 4.6248, 9.9811

Tritanomaly

228.1240, 5.3619, 6.9073

Monochromacy



Original Color

228.0100, 4.9251, 7.0072

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1790, 1.8838, 2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.0100, 4.9251, 7.0072 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(236, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 238)  
}
```

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(236, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 238) }
```

Border

The CSS property to change the border of an element to YUV 228.0100, 4.9251, 7.0072 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(236, 222, 238) }
```


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

```
.border{ border-color:rgb(236, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 228.0100, 4.9251, 7.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 238) }
```

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

```
.background{ background-color: rgb(236,  
222, 238) }
```

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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