

Converting Colors

YUV(233.3030, 7.2456, 9.3813)

Have a look what the booklet for
YUV(233.3030, 7.2456, 9.3813)
contains.

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Color

**YUV(233.3030, 7.2456,
9.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E1F8
RGB	244, 225, 248
RGB Percent	96%, 88%, 97%
CMY	0.0431, 0.1176, 0.0275
CMYK	0.02, 0.09, 0.00, 0.03
HSL	290°, 62%, 93%
HSV	290°, 9%, 97%
XYZ	81.1767, 79.8608, 99.9431
YIQ	233.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

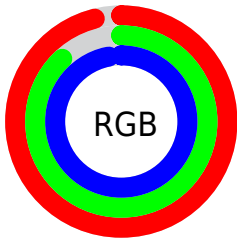
Format	Color
R_{YB}	244, 225, 248
Decimal	16048632
CIE _{Lab}	91.62, 10.50, -8.81
CIE _{LCh}	92, 13.708, 319.988
Yxy	79.8608, 0.3110, 0.3060
Android (android.graphics.Color)	4294238712 (0xFFFF4E1F8)
YUV	233.3030, 7.2456, 9.3813
Hunter-Lab	89.3649, 5.7562, -3.7528

Details

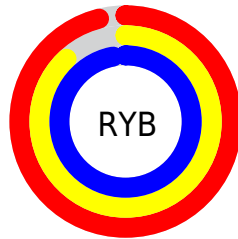
The YUV color `233.3030, 7.2456, 9.3813` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `239.6970, -7.2456, -9.3813`, and the grayscale version is `233.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `177.8900, 6.9562, 8.8665` is the 20% darker color. If you saturate the color by 10%, you get `217.4320, 15.0700, 19.7921`, and if you desaturate by 10%, it is `249.1740, -0.5788, -1.0296`.

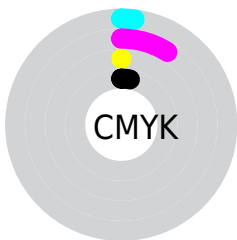
Distribution



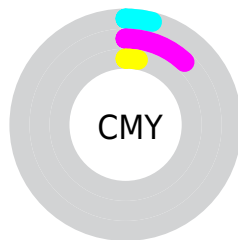
- Red (96%)
- Green (88%)
- Blue (97%)



- Red (96%)
- Yellow (88%)
- Blue (97%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.3030, 7.2456, 9.3813 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 233.3030, 7.2456, 9.3813 by changing the saturation by 10% instead.

233.3030, 7.2456,
9.3813

233.3030, 7.2456,
9.3813

255.0000, 0.0000,
0.0000

205.1890, 6.8088,
9.4812

177.8900, 6.9562,
8.8665

150.8900, 6.9562,
8.8665

125.0640, 6.3774,
7.8369

100.0640, 6.3774,
7.8369

75.9500, 5.9406,
7.9368

53.2380, 5.7987,

6.8073

■ 31.8250, 5.5093,
6.2925

■ 8.6020, 7.0982,
9.9960

■ 233.3030, 7.2456,
9.3813

■ 233.3030, 7.2456,
9.3813

■ 217.4320, 15.0700,
19.7921

■ 249.1740, -0.5788,
-1.0296

■ 201.2620, 23.0418,
29.5882

■ 253.6040, -2.7628,
-0.5297

■ 185.9780, 30.5768,
39.4843

■ 254.2020, -3.0576,
0.6998

■ 170.1070, 38.4012,
49.8952

■ 153.9370, 46.3731,
59.6913

■ 138.0660, 54.1975,
70.1021

■ 122.1950, 62.0219,
80.5130

■ 106.6120, 69.7043,
89.7943

■ 90.7410, 77.5287,
100.2051

Harmonies

Analogous

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



231.6650, 11.5042, -3.2142



233.3030, 7.2456, 9.3813



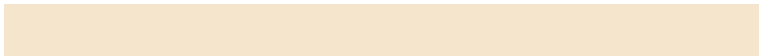
233.4630, 1.2507, 18.8879

Triad

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



233.3030, 7.2456, 9.3813



231.3470, -12.9891, 12.8507



226.7410, 6.0437, -25.2059

Complementary

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



233.3030, 7.2456, 9.3813



239.6970, -7.2456, -9.3813

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.



227.0530, -0.5191, -20.2175



233.3030, 7.2456, 9.3813



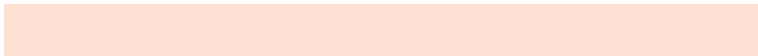
229.6230, -11.6461, 2.0846

Square

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



233.3030, 7.2456, 9.3813



232.3740, -10.5374, 19.8430



227.8110, -6.8088, -9.4812



227.8320, 11.4218, -23.5317

Rectangle

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



233.3030, 7.2456, 9.3813



232.4370, -2.6804, 19.7878



227.8110, -6.8088, -9.4812



226.5840, 4.1491, -24.1912

Sweetspot

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



233.3030, 7.2456, 9.3813



250.0050, 2.4625, 3.5036



229.9700, 8.8888, -4.3587



124.1790, 1.8838, 2.4740



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.



233.3030, 7.2456, 9.3813



237.0690, 8.8400, 11.3405



233.7010, 3.5984, 12.5402



116.7710, 4.0569, 5.4628



68.1900, 59.5593, 77.0094



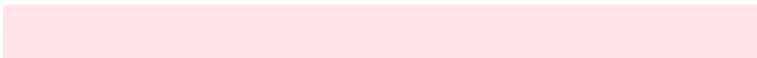
22.2030, 19.1269, 25.2550

Inverse Universe

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



232.3330, -1.6432, 13.7400



235.9420, -1.9434, 16.7139



239.2990, -3.5984, -12.5402



116.2290, -0.6059, 7.6922



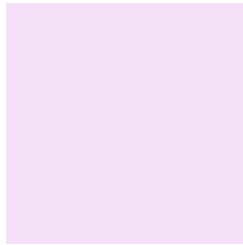
60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 233.3030, 7.2456, 9.3813 looks on a white background.

Color Contrast Check

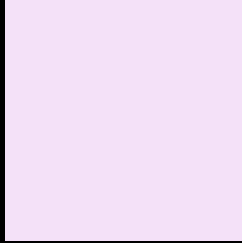
Large Text (above 18pt) WCAG AA × Fail

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 233.3030, 7.2456, 9.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

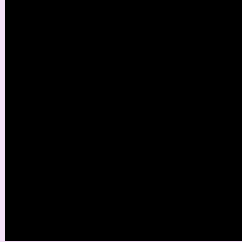
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.3030, 7.2456, 9.3813

Background



This preview shows how black text looks on a background with the YUV color 233.3030, 7.2456, 9.3813.



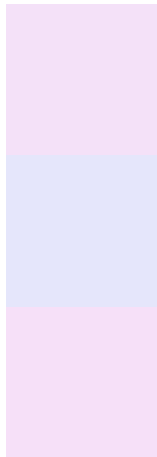
This preview shows how white text looks on a background with the YUV color 233.3030, 7.2456,

9.3813.

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

233.3030, 7.2456, 9.3813

Protanopia

232.0950, 9.3202, -2.7143

Deuteranopia

233.3140, 7.2402, 11.1256



Tritanopia

233.0210, 4.9196, 8.7516

Trichromacy



Original Color

233.3030, 7.2456, 9.3813

Protanomaly

232.3020, 8.7251, 1.4891

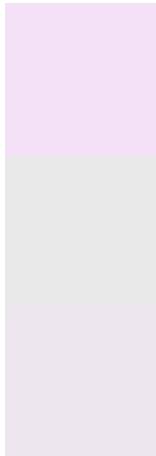
Deuteranomaly

233.0150, 7.3876, 10.5108

Tritanomaly

233.2490, 5.7932, 8.5516

Monochromacy



Original Color

233.3030, 7.2456, 9.3813

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.3030, 7.2456, 9.3813 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(244, 225, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 248)  
}
```

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(244, 225, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 248) }
```

Border

The CSS property to change the border of an element to YUV 233.3030, 7.2456, 9.3813 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(244, 225, 248) }
```


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

```
.border{ border-color:rgb(244, 225, 248) }
```

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

Here you see how a box with a 4 pixel rgb(244, 225, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 233.3030, 7.2456, 9.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 248) }
```

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

```
.background{ background-color: rgb(244,  
225, 248) }
```

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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