

Converting Colors

YUV(232.9760, 9.8718, 7.0370)

Have a look what the booklet for
YUV(232.9760, 9.8718, 7.0370)
contains.

YUV(232.9760, 9.8718, 7.0370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(232.9760, 9.8718,
7.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E1FD
RGB	241, 225, 253
RGB Percent	95%, 88%, 99%
CMY	0.0549, 0.1176, 0.0078
CMYK	0.05, 0.11, 0.00, 0.01
HSL	274°, 88%, 94%
HSV	274°, 11%, 99%
XYZ	80.9305, 79.6430, 104.0357
YIQ	232.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

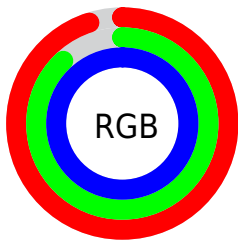
Format	Color
R _Y B	241, 225, 253
Decimal	15852029
CIE Lab	91.52, 10.44, -11.60
CIE LCh	92, 15.607, 311.990
Yxy	79.6430, 0.3058, 0.3010
Android (android.graphics.Color)	4294042109 (0xFFFF1E1FD)
YUV	232.9760, 9.8718, 7.0370
Hunter-Lab	89.2430, 5.6985, -6.6477

Details

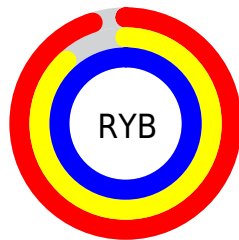
The YUV color `232.9760, 9.8718, 7.0370` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `245.0240, -9.8718, -7.0370`, and the grayscale version is `233.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `177.4490, 9.1456, 6.6222` is the 20% darker color. If you saturate the color by 10%, you get `215.0120, 18.7281, 13.1445`, and if you desaturate by 10%, it is `250.9400, 1.0156, 0.9296`.

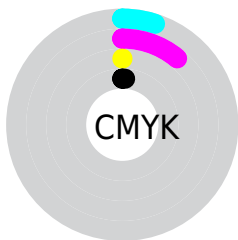
Distribution



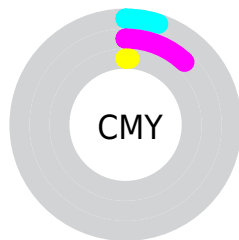
- Red (95%)
- Green (88%)
- Blue (99%)



- Red (95%)
- Yellow (88%)
- Blue (99%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9760, 9.8718, 7.0370 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 232.9760, 9.8718, 7.0370 by changing the saturation by 10% instead.

232.9760, 9.8718,
7.0370

232.9760, 9.8718,
7.0370

255.0000, 0.0000,
0.0000

204.8620, 9.4350,
7.1370

177.4490, 9.1456,
6.6222

150.4490, 9.1456,
6.6222

125.0360, 8.8563,
6.1074

99.6230, 8.5669,
5.5926

75.5090, 8.1301,
5.6926

53.0960, 7.8407,

5.1778

■ 31.5690, 7.1145,
4.7630

■ 8.3460, 8.7034,
8.4666

■ 232.9760, 9.8718,
7.0370

■ 232.9760, 9.8718,
7.0370

■ 215.0120, 18.7281,
13.1445

■ 250.9400, 1.0156,
0.9296

■ 196.4610, 27.8737,
19.7667

254.7720, -0.8736,
0.2000

■ 178.4970, 36.7300,
25.8741

■ 160.8320, 45.4388,
32.5963

■ 142.2810, 54.5845,
39.2186

■ 124.3170, 63.4407,
45.3260

■ 106.3530, 72.2970,
51.4334

■ 88.3890, 81.1532,
57.5408

■ 72.1970, 89.1359,
63.8482

Harmonies

Analogous

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



230.4580, 12.0992, -7.4177



232.9760, 9.8718, 7.0370



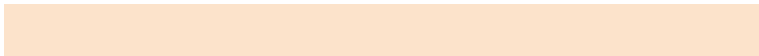
233.3320, 3.2873, 19.0028

Triad

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



232.9760, 9.8718, 7.0370



231.7390, -14.1683, 17.7689



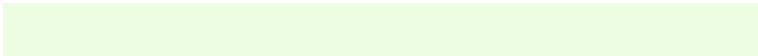
225.7900, 5.0335, -27.8798

Complementary

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



232.9760, 9.8718, 7.0370



245.0240, -9.8718, -7.0370

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.



226.4830, -2.7031, -19.7176



232.9760, 9.8718, 7.0370



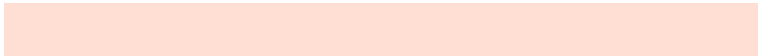
229.9610, -14.2778, 6.1732

Square

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



232.9760, 9.8718, 7.0370



231.2000, -9.9586, 20.8726



227.7250, -9.7244, -7.6518



226.2120, 11.7275, -28.2499

Rectangle

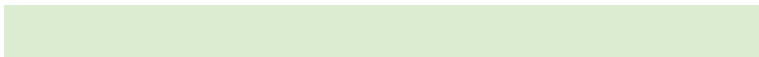
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.9760, 9.8718, 7.0370



232.1920, -1.0807, 20.0026



227.7250, -9.7244, -7.6518



225.8180, 2.5547, -26.1504

Sweetspot

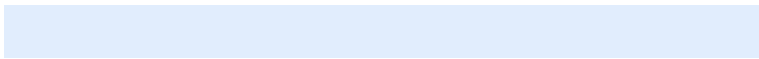
The Sweet Spot groups the original color and five complimentary colors.



232.9760, 9.8718, 7.0370



249.4070, 2.7573, 2.2741



235.2360, 8.7577, -8.9770



123.5810, 2.1786, 1.2445



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.



232.9760, 9.8718, 7.0370



231.4430, 11.6136, 8.3815



236.3360, 7.2294, 14.6143



118.5750, 4.6465, 3.0037



54.3650, 67.3611, 47.9149



18.0600, 22.6484, 15.7334

Inverse Universe

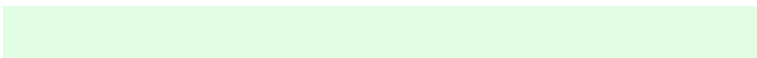
The Inverse Universe completely reimagines the original color for something new.



234.7400, 1.1142, 16.0140



233.4630, 1.2507, 18.8879



241.6640, -7.2294, -14.6143



119.4570, 0.2677, 7.4922



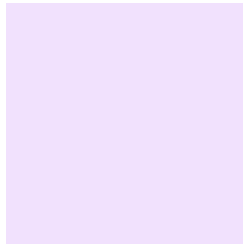
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 232.9760, 9.8718, 7.0370 looks on a white background.

Color Contrast Check

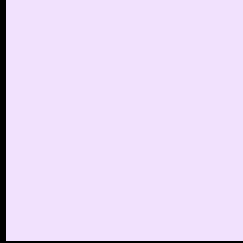
Large Text (above 18pt) WCAG AA × Fail

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 232.9760, 9.8718, 7.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

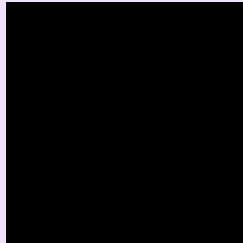
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.9760, 9.8718, 7.0370

Background



This preview shows how black text looks on a background with the YUV color 232.9760, 9.8718, 7.0370.



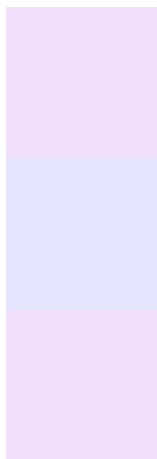
This preview shows how white text looks on a background with the YUV color 232.9760, 9.8718,

7.0370.

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

232.9760, 9.8718, 7.0370

Protanopia

231.6650, 11.5042, -3.2142

Deuteranopia

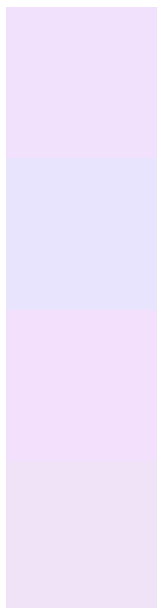
232.9870, 9.8664, 8.7814



Tritanopia

232.2380, 5.7987, 6.8073

Trichromacy



Original Color

232.9760, 9.8718, 7.0370

Protanomaly

232.4590, 10.6197, 0.4745

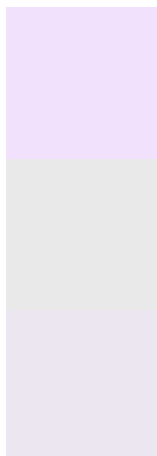
Deuteranomaly

232.6880, 10.0138, 8.1666

Tritanomaly

232.5800, 7.1091, 6.5073

Monochromacy



Original Color

232.9760, 9.8718, 7.0370

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9760, 9.8718, 7.0370 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(241, 225, 253)` looks like.

```
.text, #text, p{  
    color:rgb(241, 225, 253)  
}
```

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(241, 225, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 225, 253) }
```

Border

The CSS property to change the border of an element to YUV 232.9760, 9.8718, 7.0370 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(241, 225, 253) }
```


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

```
.border{ border-color:rgb(241, 225, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 225, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 225, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 225, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 225,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 232.9760, 9.8718, 7.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 225, 253) }
```

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

```
.background{ background-color: rgb(241,  
225, 253) }
```

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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