

Converting Colors

YUV(230.5790, 12.0396,
11.7702)

Have a look what the booklet for
YUV(230.5790, 12.0396, 11.7702)
contains.

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Color

**YUV(230.5790, 12.0396,
11.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DBFF
RGB	244, 219, 255
RGB Percent	96%, 86%, 100%
CMY	0.0431, 0.1412, 0.0000
CMYK	0.04, 0.14, 0.00, 0.00
HSL	282°, 100%, 93%
HSV	282°, 14%, 100%
XYZ	80.6897, 77.1161, 105.2398
YIQ	230.5790, 3.3440, 16.4960

Conversions

Conversions Part 2

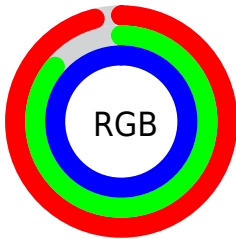
Format	Color
RYB	244, 219, 255
Decimal	16047103
CIELab	90.38, 14.93, -14.34
CIElCh	90, 20.697, 316.148
Yxy	77.1161, 0.3068, 0.2932
Android (android.graphics.Color)	4294237183 (0xFFFF4DBFF)
YUV	230.5790, 12.0396, 11.7702
Hunter-Lab	87.8158, 10.3375, -9.5830

Details

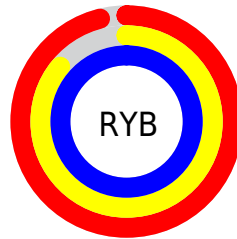
The YUV color `230.5790, 12.0396, 11.7702` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `243.4210, -12.0396, -11.7702`, and the grayscale version is `230.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `175.0520, 11.3134, 11.3554` is the 20% darker color. If you saturate the color by 10%, you get `213.5120, 20.4536, 19.7220`, and if you desaturate by 10%, it is `247.6460, 3.6255, 3.8185`.

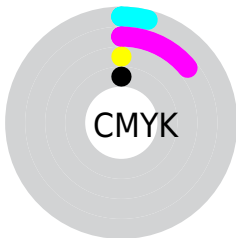
Distribution



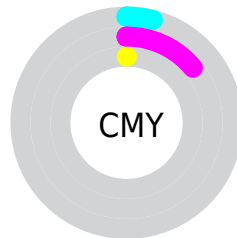
- Red (96%)
- Green (86%)
- Blue (100%)



- Red (96%)
- Yellow (86%)
- Blue (100%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 230.5790, 12.0396, 11.7702 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 230.5790, 12.0396, 11.7702 by changing the saturation by 10% instead.


 230.5790, 12.0396,
11.7702


 230.5790, 12.0396,
11.7702


255.0000, 0.0000,
0.0000

 202.1660, 11.7502,
11.2554

 175.0520, 11.3134,
11.3554

 148.6390, 11.0240,
10.8406

 122.2260, 10.7346,
10.3258

 97.8130, 10.4452,
9.8110

 73.4000, 10.1558,
9.2962

 50.8730, 9.4296,

8.8814

■ 29.1610, 9.2876,
7.7518

■ 9.0580, 8.8454,
9.5961

■ 230.5790, 12.0396,
11.7702

■ 230.5790, 12.0396,
11.7702

■ 213.5120, 20.4536,
19.7220

■ 247.6460, 3.6255,
3.8185

■ 195.8580, 29.1570,
28.1885

255.0000, 0.0000,
0.0000

■ 179.0900, 37.4236,
36.7551

■ 161.4360, 46.1271,
45.2216

■ 143.7820, 54.8305,
53.6882

■ 126.7150, 63.2445,
61.6399

■ 109.0610, 71.9479,
70.1065

■ 92.2930, 80.2146,
78.6730

■ 81.9930, 85.2925,
83.3211

Harmonies

Analogous

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



227.2130, 13.6990, -7.2028



230.5790, 12.0396, 11.7702



229.4680, 3.7133, 22.3916

Triad

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



230.5790, 12.0396, 11.7702



227.7950, -19.1259, 21.2278



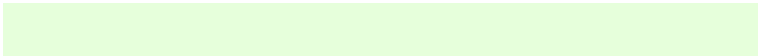
220.0490, 8.8498, -38.6310

Complementary

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



230.5790, 12.0396, 11.7702



243.4210, -12.0396, -11.7702

Split Complementary

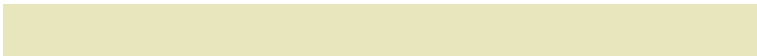
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.6560, -1.8024, -28.6393



230.5790, 12.0396, 11.7702



225.9240, -18.2035, 5.3287

Square

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



230.5790, 12.0396, 11.7702



226.4240, -13.0270, 25.0612



223.2360, -11.4553, -12.4850



221.4110, 16.5594, -38.0714

Rectangle

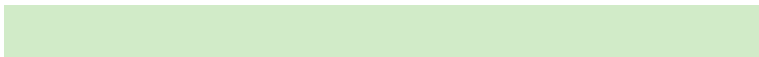
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.5790, 12.0396, 11.7702



227.3990, -1.6757, 24.2061



223.2360, -11.4553, -12.4850



220.1480, 5.3500, -36.0868

Sweetspot

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



230.5790, 12.0396, 11.7702



248.2330, 3.3361, 3.3037



229.5610, 12.5414, -9.2620



123.2930, 2.3206, 2.3740



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.



230.5790, 12.0396, 11.7702



225.8720, 14.3601, 14.1443



233.0700, 7.3605, 19.2326



119.1730, 4.3517, 4.2333



61.5410, 63.8233, 62.6695



20.4520, 21.4692, 20.6516

Inverse Universe

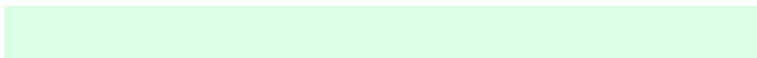
The Inverse Universe completely reimagines the original color for something new.



231.0180, -0.5019, 21.0322



226.3390, -0.6601, 25.1357



240.9300, -7.3605, -19.2326



119.3430, -0.1691, 7.5922



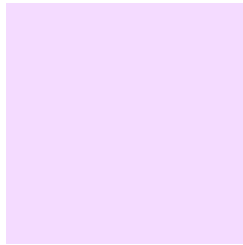
63.7210, -2.8205, 111.6237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 230.5790, 12.0396, 11.7702 looks on a white background.

Color Contrast Check

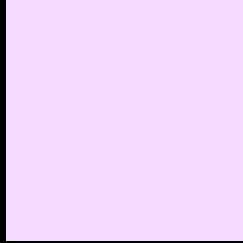
Large Text (above 18pt) WCAG AA × Fail

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 230.5790, 12.0396, 11.7702 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 230.5790, 12.0396, 11.7702

Background



This preview shows how black text looks on a background with the YUV color 230.5790, 12.0396, 11.7702.



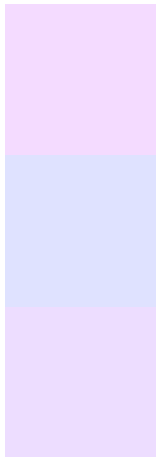
This preview shows how white text looks on a background with the YUV color 230.5790, 12.0396, 11.7702.

11.7702.

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

230.5790, 12.0396, 11.7702

Protanopia

228.4090, 13.1094, -4.7437

Deuteranopia

229.6600, 12.4926, 6.4372



Tritanopia

229.9180, 4.4774, 10.5959

Trichromacy



Original Color

230.5790, 12.0396, 11.7702

Protanomaly

229.0400, 12.7983, 1.7189

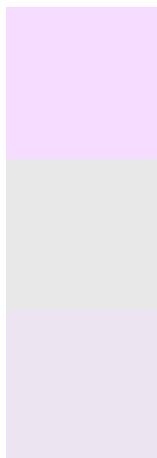
Deuteranomaly

229.9700, 12.3398, 8.7963

Tritanomaly

230.3140, 7.2402, 11.1256

Monochromacy



Original Color

230.5790, 12.0396, 11.7702

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.5790, 12.0396, 11.7702 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 255)  
}
```

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, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 255) }
```

Border

The CSS property to change the border of an element to YUV 230.5790, 12.0396, 11.7702 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, 219, 255) }
```


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

```
.border{ border-color:rgb(244, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 230.5790, 12.0396, 11.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 255) }
```

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

```
.background{ background-color: rgb(244,  
219, 255) }
```

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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