

Converting Colors

YUV(227.4390, 7.6716, 12.7700)

Have a look what the booklet for
YUV(227.4390, 7.6716, 12.7700)
contains.

YUV(227.4390, 7.6716, 12.7700)	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(227.4390, 7.6716,
12.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D9F3
RGB	242, 217, 243
RGB Percent	95%, 85%, 95%
CMY	0.0510, 0.1490, 0.0471
CMYK	0.00, 0.11, 0.00, 0.05
HSL	298°, 52%, 90%
HSV	298°, 11%, 95%
XYZ	77.6085, 74.9740, 95.1750
YIQ	227.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

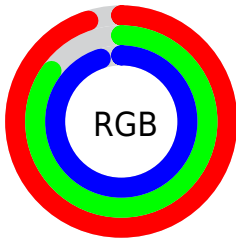
Format	Color
R_{YB}	242, 217, 243
Decimal	15915507
CIE _{Lab}	89.38, 13.11, -9.54
CIE _{LCh}	89, 16.208, 323.958
Yxy	74.9740, 0.3132, 0.3026
Android (android.graphics.Color)	4294105587 (0xFFFF2D9F3)
YUV	227.4390, 7.6716, 12.7700
Hunter-Lab	86.5875, 8.4615, -4.5589

Details

The YUV color $227.4390, 7.6716, 12.7700$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.5610, -7.6716, -12.7700$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.0260, 7.3822, 12.2552$ is the 20% darker color. If you saturate the color by 10%, you get $213.0520, 14.7644, 24.5104$, and if you desaturate by 10%, it is $241.8260, 0.5788, 1.0296$.

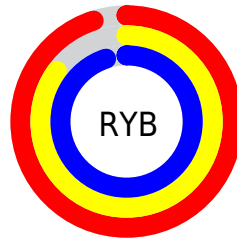
Distribution



Red (95%)

Green (85%)

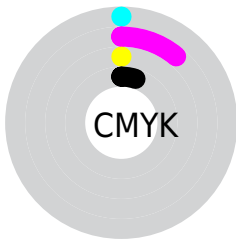
Blue (95%)



Red (95%)

Yellow (85%)

Blue (95%)

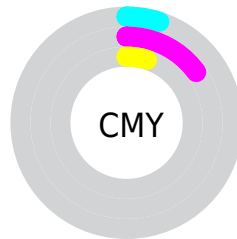


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.4390, 7.6716, 12.7700 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 227.4390, 7.6716, 12.7700 by changing the saturation by 10% instead.

■ 227.4390, 7.6716,
12.7700

■ 227.4390, 7.6716,
12.7700

255.0000, 0.0000,
0.0000

■ 199.4390, 7.6716,
12.7700

■ 172.0260, 7.3822,
12.2552

■ 145.6130, 7.0928,
11.7404

■ 119.6130, 7.0928,
11.7404

■ 94.7870, 6.5140,
10.7108

■ 71.3740, 6.2246,
10.1960

■ 48.9610, 5.9352,

9.6812

■ 27.2490, 5.7932,
8.5516

■ 6.9500, 5.9407,
7.9369

■ 227.4390, 7.6716,
12.7700

■ 227.4390, 7.6716,
12.7700

■ 213.0520, 14.7644,
24.5104

■ 241.8260, 0.5788,
1.0296

■ 198.0780, 22.1465,
36.7656

■ 250.3430, -3.6201,
-5.5628

■ 183.6910, 29.2393,
48.5060

■ 250.6420, -3.7675,
-4.9480

■ 169.3040, 36.3321,
60.2464

■ 250.9410, -3.9149,
-4.3333

154.9170, 43.4249,
71.9868

251.2400, -4.0623,
-3.7185

139.9430, 50.8071,
84.2420

251.5390, -4.2097,
-3.1037

125.5560, 57.8999,
95.9824

251.8380, -4.3571,
-2.4889

111.4680, 64.8453,
108.3376

252.1370, -4.5045,
-1.8741

97.6680, 71.6487,
119.5632

Harmonies

Analogous

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



226.1320, 13.2459, -1.8698



227.4390, 7.6716, 12.7700



227.5560, 0.2189, 23.1914

Triad

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



227.4390, 7.6716, 12.7700



224.1900, -14.8837, 13.8654



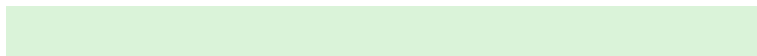
219.6910, 8.5333, -30.4240

Complementary

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



227.4390, 7.6716, 12.7700



232.5610, -7.6716, -12.7700

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.



219.6610, 0.6601, -25.1357



227.4390, 7.6716, 12.7700



222.5690, -13.0985, 1.2550

Square

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



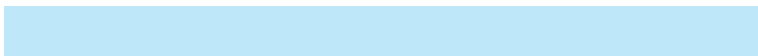
227.4390, 7.6716, 12.7700



226.4130, -13.0216, 23.3168



220.6750, -7.2348, -12.8700



220.7930, 13.9061, -27.0055

Rectangle

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



227.4390, 7.6716, 12.7700



226.7150, -4.2965, 24.8059



220.6750, -7.2348, -12.8700



219.3060, 5.7651, -29.2094

Sweetspot

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



227.4390, 7.6716, 12.7700



250.3040, 2.3151, 4.1184



220.5510, 11.0674, -3.1142



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.



227.4390, 7.6716, 12.7700



235.3300, 9.6973, 16.3736



226.3700, 2.2826, 14.5845



114.9560, 3.4727, 6.1776



74.7250, 54.8586, 91.4492



23.4700, 17.5163, 28.5288

Inverse Universe

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



224.8880, -3.3958, 15.8842



231.9810, -4.4276, 20.1877



233.6300, -2.2826, -14.5845



113.7020, -1.3321, 7.2773



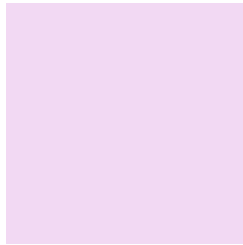
56.4120, -24.3601, 113.6487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 227.4390, 7.6716, 12.7700 looks on a white background.

Color Contrast Check

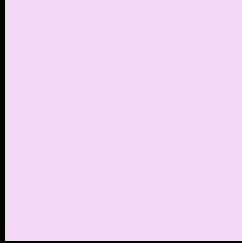
Large Text (above 18pt) WCAG AA × Fail

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 227.4390, 7.6716, 12.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

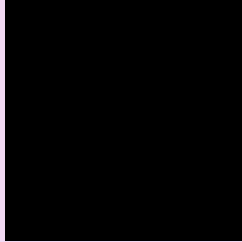
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.4390, 7.6716, 12.7700

Background



This preview shows how black text looks on a background with the YUV color 227.4390, 7.6716, 12.7700.



This preview shows how white text looks on a background with the YUV color 227.4390, 7.6716,

12.7700.

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

227.4390, 7.6716, 12.7700

Protanopia

225.4370, 10.6306, -3.0142

Deuteranopia

226.8300, 7.9718, 9.7961



Tritanopia

226.8150, 4.0352, 12.4402

Trichromacy



Original Color

227.4390, 7.6716, 12.7700

Protanomaly

226.2420, 9.7407, 2.4188

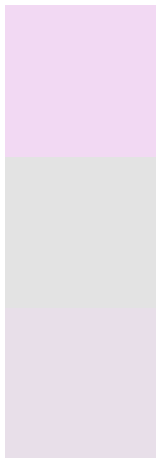
Deuteranomaly

227.1290, 7.8244, 10.4109

Tritanomaly

227.1570, 5.3456, 12.1403

Monochromacy



Original Color

227.4390, 7.6716, 12.7700

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.4390, 7.6716, 12.7700 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(242, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 243)  
}
```

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(242, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 243) }
```

Border

The CSS property to change the border of an element to YUV 227.4390, 7.6716, 12.7700 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(242, 217, 243) }
```


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

```
.border{ border-color:rgb(242, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 227.4390, 7.6716, 12.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 243) }
```

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

```
.background{ background-color: rgb(242,  
217, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor