

Converting Colors

YUV(226.0040, 7.3930, 8.7665)

Have a look what the booklet for
YUV(226.0040, 7.3930, 8.7665)
contains.

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Color

**YUV(226.0040, 7.3930,
8.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDAF1
RGB	236, 218, 241
RGB Percent	93%, 85%, 95%
CMY	0.0745, 0.1451, 0.0549
CMYK	0.02, 0.10, 0.00, 0.05
HSL	287°, 45%, 90%
HSV	287°, 10%, 95%
XYZ	75.5407, 74.3265, 93.5841
YIQ	226.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

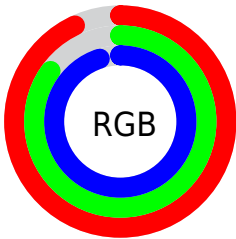
Format	Color
R _Y B	236, 218, 241
Decimal	15522545
CIE Lab	89.08, 10.23, -8.99
CIE LCh	89, 13.618, 318.690
Yxy	74.3265, 0.3103, 0.3053
Android (android.graphics.Color)	4293712625 (0xFFECDAF1)
YUV	226.0040, 7.3930, 8.7665
Hunter-Lab	86.2128, 5.5312, -4.0104

Details

The YUV color `226.0040, 7.3930, 8.7665` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `232.9960, -7.3930, -8.7665`, and the grayscale version is `226.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `170.5910, 7.1036, 8.2517` is the 20% darker color. If you saturate the color by 10%, you get `210.4210, 15.0754, 18.0478`, and if you desaturate by 10%, it is `241.5870, -0.2894, -0.5148`.

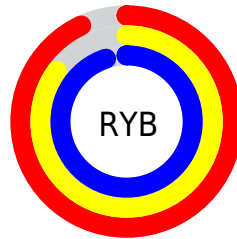
Distribution



Red (93%)

Green (85%)

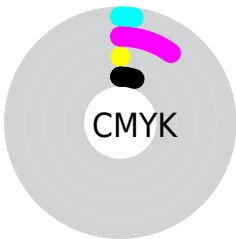
Blue (95%)



Red (93%)

Yellow (85%)

Blue (95%)

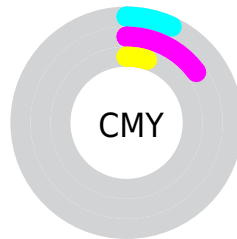


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.0040, 7.3930, 8.7665 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 226.0040, 7.3930, 8.7665 by changing the saturation by 10% instead.

■ 226.0040, 7.3930,
8.7665

■ 226.0040, 7.3930,
8.7665

255.0000, 0.0000,
0.0000

■ 198.0040, 7.3930,
8.7665

■ 170.5910, 7.1036,
8.2517

■ 144.1780, 6.8142,
7.7369

■ 118.1780, 6.8142,
7.7369

■ 93.7650, 6.5249,
7.2221

■ 70.3520, 6.2355,
6.7073

■ 47.8250, 5.5093,

6.2925

■ 26.8250, 5.5093,
6.2925

■ 4.3300, 6.2463,
3.2186

■ 226.0040, 7.3930,
8.7665

■ 226.0040, 7.3930,
8.7665

■ 210.4210, 15.0754,
18.0478

■ 241.5870, -0.2894,
-0.5148

■ 194.8380, 22.7579,
27.3291

■ 250.7130, -4.7885,
-4.1333

■ 178.9560, 30.5877,
35.9956

■ 252.5070, -5.6730,
-0.4446

■ 163.3730, 38.2701,
45.2769

■ 253.4040, -6.1152,
1.3997

■ 147.7900, 45.9525,
54.5582

■ 131.6200, 53.9243,
64.3543

■ 115.7380, 61.7542,
73.0208

■ 100.1550, 69.4366,
82.3021

■ 84.5720, 77.1190,
91.5834

Harmonies

Analogous

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



224.3660, 11.6516, -3.8290



226.0040, 7.3930, 8.7665



226.1640, 1.3981, 18.2732

Triad

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



226.0040, 7.3930, 8.7665



223.8740, -12.2629, 13.2655



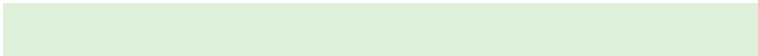
219.1540, 6.3331, -24.6911

Complementary

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



226.0040, 7.3930, 8.7665



232.9960, -7.3930, -8.7665

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.



219.6510, -0.8139, -18.9879



226.0040, 7.3930, 8.7665



222.3350, -11.5042, 3.2142

Square

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



226.0040, 7.3930, 8.7665



225.2000, -9.9586, 20.8726



220.9960, -7.3930, -8.7665



220.7180, 10.9850, -23.4317

Rectangle

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



226.0040, 7.3930, 8.7665



226.3340, -3.1227, 21.6321



220.9960, -7.3930, -8.7665



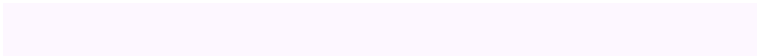
219.7690, 3.5649, -23.4764

Sweetspot

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



226.0040, 7.3930, 8.7665



249.7060, 2.6099, 2.8888



223.5570, 8.5994, -4.8735



123.8800, 2.0312, 1.8592



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.



226.0040, 7.3930, 8.7665



236.7700, 8.9874, 10.7257



226.8150, 4.0352, 12.4402



112.0590, 3.9149, 4.3333



64.0320, 59.1442, 70.1319



19.5400, 17.9748, 21.4514

Inverse Universe

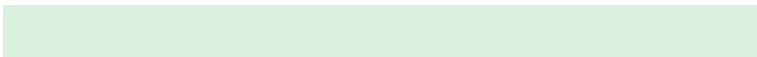
The Inverse Universe completely reimagines the original color for something new.



225.4470, -1.2064, 13.6400



236.0560, -1.5066, 16.6139



232.1850, -4.0352, -12.4402



111.8160, -0.8953, 7.1774



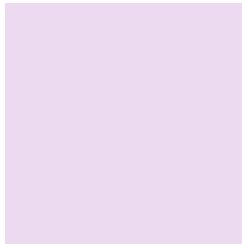
59.5760, -9.6510, 109.1198



18.1120, -3.0132, 33.2278

Previews

White Background



This preview shows how the YUV color 226.0040, 7.3930, 8.7665 looks on a white background.

Color Contrast Check

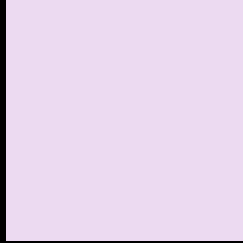
Large Text (above 18pt) WCAG AA × Fail

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 226.0040, 7.3930, 8.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

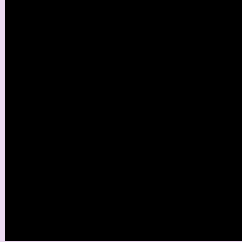
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.0040, 7.3930, 8.7665

Background



This preview shows how black text looks on a background with the YUV color 226.0040, 7.3930, 8.7665.



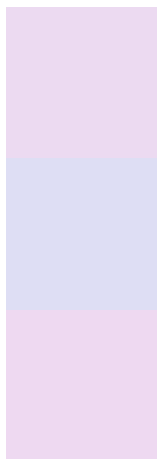
This preview shows how white text looks on a background with the YUV color 226.0040, 7.3930,

8.7665.

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

226.0040, 7.3930, 8.7665

Protanopia

224.5080, 9.6096, -2.1995

Deuteranopia

226.0150, 7.3876, 10.5108



Tritanopia

225.7220, 5.0671, 8.1368

Trichromacy



Original Color

226.0040, 7.3930, 8.7665

Protanomaly

225.3020, 8.7251, 1.4891

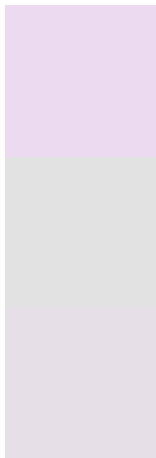
Deuteranomaly

225.7160, 7.5350, 9.8961

Tritanomaly

225.9500, 5.9407, 7.9369

Monochromacy



Original Color

226.0040, 7.3930, 8.7665

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.0040, 7.3930, 8.7665 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, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 241)  
}
```

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, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 241) }
```

Border

The CSS property to change the border of an element to YUV 226.0040, 7.3930, 8.7665 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, 218, 241) }
```


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

```
.border{ border-color:rgb(236, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 226.0040, 7.3930, 8.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 241) }
```

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

```
.background{ background-color: rgb(236,  
218, 241) }
```

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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