

Converting Colors

YUV(226.7320, 6.5411, 1.9890)

Have a look what the booklet for
YUV(226.7320, 6.5411, 1.9890)
contains.

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Color

**YUV(226.7320, 6.5411,
1.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFF0
RGB	229, 223, 240
RGB Percent	90%, 87%, 94%
CMY	0.1020, 0.1255, 0.0588
CMYK	0.05, 0.07, 0.00, 0.06
HSL	261°, 36%, 91%
HSV	261°, 7%, 94%
XYZ	74.4290, 75.7246, 93.1316
YIQ	226.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

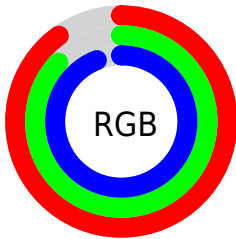
Format	Color
R _Y B	229, 223, 240
Decimal	15065072
CIE Lab	89.73, 5.12, -7.55
CIE LCh	90, 9.128, 304.149
Yxy	75.7246, 0.3059, 0.3113
Android (android.graphics.Color)	4293255152 (0xFFE5DFF0)
YUV	226.7320, 6.5411, 1.9890
Hunter-Lab	87.0199, 0.3879, -2.5402

Details

The YUV color `226.7320, 6.5411, 1.9890` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `236.2680, -6.5411, -1.9890`, 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 `171.6180, 6.1043, 2.0890` is the 20% darker color. If you saturate the color by 10%, you get `207.8600, 15.8450, 4.5078`, and if you desaturate by 10%, it is `245.6040, -2.7628, -0.5297`.

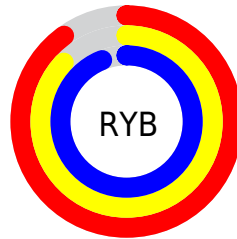
Distribution



Red (90%)

Green (87%)

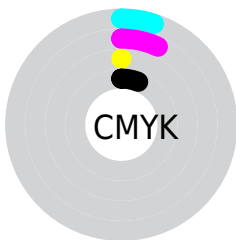
Blue (94%)



Red (90%)

Yellow (87%)

Blue (94%)

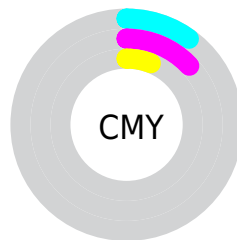


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7320, 6.5411, 1.9890 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 226.7320, 6.5411, 1.9890 by changing the saturation by 10% instead.

■ 226.7320, 6.5411,
1.9890

■ 226.7320, 6.5411,
1.9890

255.0000, 0.0000,
0.0000

■ 198.7320, 6.5411,
1.9890

■ 171.6180, 6.1043,
2.0890

■ 144.6180, 6.1043,
2.0890

■ 119.2050, 5.8149,
1.5742

■ 94.2050, 5.8149,
1.5742

■ 71.0910, 5.3781,
1.6742

■ 48.6780, 5.0887,

1.1594

■ 27.5640, 4.6519,
1.2594

■ 2.4220, 6.6940,
-0.3701

■ 226.7320, 6.5411,
1.9890

■ 226.7320, 6.5411,
1.9890

■ 207.8600, 15.8450,
4.5078

■ 245.6040, -2.7628,
-0.5297

■ 189.2870, 25.0015,
7.6413

■ 253.2900, -6.5520,
1.4997

■ 170.4150, 34.3054,
10.1600

■ 151.8420, 43.4619,
13.2936

■ 132.9700, 52.7658,
15.8123

■ 114.3970, 61.9223,
18.9458

■ 95.5250, 71.2262,
21.4646

■ 76.9520, 80.3827,
24.5981

■ 58.0800, 89.6866,
27.1168

Harmonies

Analogous

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



225.5460, 8.6048, -6.6178



226.7320, 6.5411, 1.9890



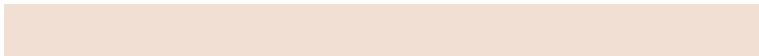
227.4510, 2.7357, 9.2515

Triad

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



226.7320, 6.5411, 1.9890



226.6010, -8.1843, 11.7509



222.9550, 1.5012, -14.8695

Complementary

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



226.7320, 6.5411, 1.9890



236.2680, -6.5411, -1.9890

Split Complementary

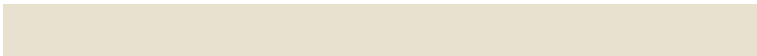
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.2500, -2.5882, -9.8663



226.7320, 6.5411, 1.9890



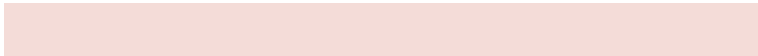
225.1550, -8.4574, 6.0031

Square

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



226.7320, 6.5411, 1.9890



226.7200, -5.2850, 15.1546



224.2680, -6.5411, -1.9890



223.0950, 5.8692, -15.8693

Rectangle

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



226.7320, 6.5411, 1.9890



227.7890, 0.1040, 13.3400



224.2680, -6.5411, -1.9890



222.9120, 0.0434, -13.9548

Sweetspot

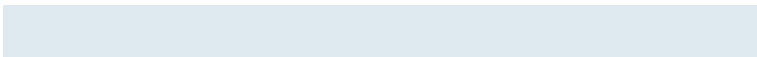
The Sweet Spot groups the original color and five complimentary colors.



226.7320, 6.5411, 1.9890



251.1680, 1.8892, 0.7297



231.3950, 4.2423, -7.3624



125.6410, 1.1630, 0.3148



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.



226.7320, 6.5411, 1.9890



237.0140, 8.8671, 2.6187



229.1240, 5.3619, 6.9073



110.5640, 4.6519, 1.2594



40.4110, 70.7894, 21.5646



12.3640, 21.5125, 6.6968

Inverse Universe

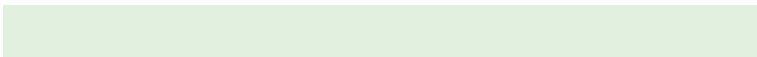
The Inverse Universe completely reimagines the original color for something new.



229.3370, 2.2989, 9.3515



240.5870, 3.1616, 12.6402



233.8760, -5.3619, -6.9073



112.5000, 1.7255, 6.5775



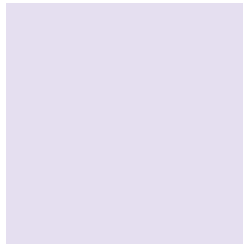
68.5820, 24.8561, 101.2216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 226.7320, 6.5411, 1.9890 looks on a white background.

Color Contrast Check

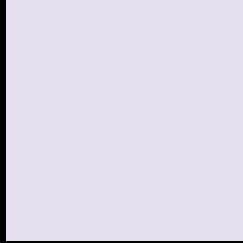
Large Text (above 18pt) WCAG AA × Fail

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 226.7320, 6.5411, 1.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

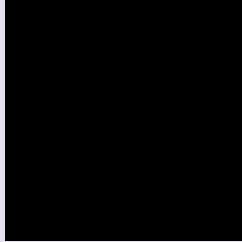
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.7320, 6.5411, 1.9890

Background



This preview shows how black text looks on a background with the YUV color 226.7320, 6.5411, 1.9890.



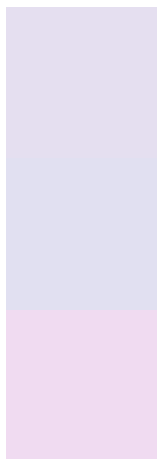
This preview shows how white text looks on a background with the YUV color 226.7320, 6.5411,

1.9890.

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

226.7320, 6.5411, 1.9890

Protanopia

226.2370, 7.2782, -1.0848

Deuteranopia

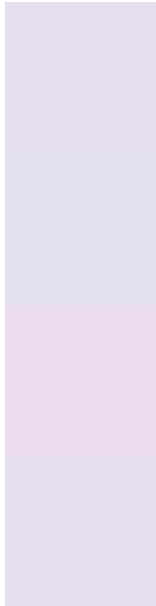
227.7870, 6.5140, 10.7108



Tritanopia

226.8460, 6.9779, 1.8891

Trichromacy



Original Color

226.7320, 6.5411, 1.9890

Protanomaly

226.5360, 7.1308, -0.4701

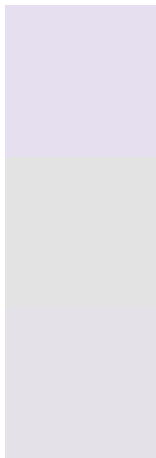
Deuteranomaly

227.1780, 6.8142, 7.7369

Tritanomaly

226.8460, 6.9779, 1.8891

Monochromacy



Original Color

226.7320, 6.5411, 1.9890

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.2820, 2.3260, 0.6297

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7320, 6.5411, 1.9890 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(229, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 240)  
}
```

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(229, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 240) }
```

Border

The CSS property to change the border of an element to YUV 226.7320, 6.5411, 1.9890 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(229, 223, 240) }
```


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

```
.border{ border-color:rgb(229, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 226.7320, 6.5411, 1.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 240) }
```

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

```
.background{ background-color: rgb(229,  
223, 240) }
```

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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