

Converting Colors

YUV(226.5260, 5.6567, 5.6777)

Have a look what the booklet for
YUV(226.5260, 5.6567, 5.6777)
contains.

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Color

**YUV(226.5260, 5.6567,
5.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DDEE
RGB	233, 221, 238
RGB Percent	91%, 87%, 93%
CMY	0.0863, 0.1333, 0.0667
CMYK	0.02, 0.07, 0.00, 0.07
HSL	282°, 33%, 90%
HSV	282°, 7%, 93%
XYZ	74.8933, 75.2096, 91.4585
YIQ	226.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

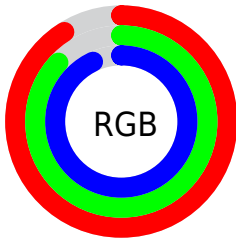
Format	Color
R _Y B	233, 221, 238
Decimal	15326702
CIE Lab	89.49, 7.12, -6.82
CIE LCh	89, 9.859, 316.198
Yxy	75.2096, 0.3100, 0.3113
Android (android.graphics.Color)	4293516782 (0xFFE9DDEE)
YUV	226.5260, 5.6567, 5.6777
Hunter-Lab	86.7235, 2.3844, -1.8208

Details

The YUV color `226.5260, 5.6567, 5.6777` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `232.4740, -5.6567, -5.6777`, 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 `171.1130, 5.3673, 5.1629` is the 20% darker color. If you saturate the color by 10%, you get `210.3450, 13.6339, 13.7294`, and if you desaturate by 10%, it is `242.7070, -2.3206, -2.3740`.

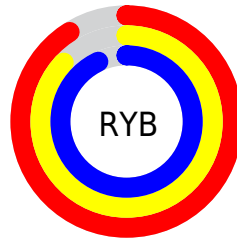
Distribution



Red (91%)

Green (87%)

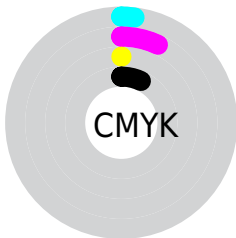
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

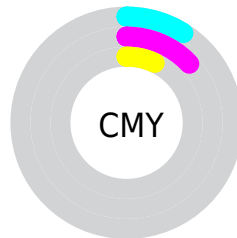


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 226.5260, 5.6567, 5.6777 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 226.5260, 5.6567, 5.6777 by changing the saturation by 10% instead.


 226.5260, 5.6567,
5.6777


 226.5260, 5.6567,
5.6777


255.0000, 0.0000,
0.0000


 198.5260, 5.6567,
5.6777

 171.1130, 5.3673,
5.1629

 144.9990, 4.9305,
5.2629

 118.9990, 4.9305,
5.2629

 94.5860, 4.6411,
4.7481

 70.5860, 4.6411,
4.7481

 48.1730, 4.3517,

4.2333

■ 27.1730, 4.3517,
4.2333

■ 3.3900, 5.2307,
2.2890

■ 226.5260, 5.6567,
5.6777

■ 226.5260, 5.6567,
5.6777

■ 210.3450, 13.6339,
13.7294

■ 242.7070, -2.3206,
-2.3740

■ 194.1640, 21.6111,
21.7812

■ 250.6700, -6.2463,
-3.2186

■ 178.5700, 29.2990,
29.3181

■ 252.7630, -7.2782,
1.0848

■ 162.3890, 37.2762,
37.3698

■ 253.0620, -7.4256,
1.6996

■ 146.2080, 45.2535,
45.4216

■ 130.0270, 53.2307,
53.4733

■ 113.8460, 61.2079,
61.5251

■ 98.2520, 68.8958,
69.0620

■ 82.0710, 76.8730,
77.1137

Harmonies

Analogous

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



225.5680, 8.5940, -3.1291



226.5260, 5.6567, 5.6777



227.1310, 1.4144, 13.0401

Triad

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



226.5260, 5.6567, 5.6777



225.3620, -9.0525, 10.2065



222.2150, 3.8380, -17.7286

Complementary

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



226.5260, 5.6567, 5.6777



232.4740, -5.6567, -5.6777

Split Complementary

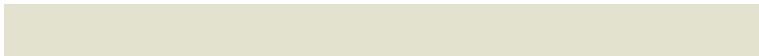
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.9830, -0.9776, -13.1401



226.5260, 5.6567, 5.6777



224.1330, -8.4466, 2.5144

Square

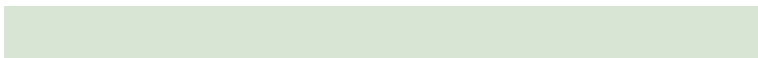
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.5260, 5.6567, 5.6777



226.2640, -7.0322, 15.5545



223.1750, -5.5093, -6.2925



222.2520, 7.7638, -16.8840

Rectangle

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



226.5260, 5.6567, 5.6777



227.2300, -2.0854, 15.5843



223.1750, -5.5093, -6.2925



222.1720, 2.3802, -16.8138

Sweetspot

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



226.5260, 5.6567, 5.6777



251.7660, 1.5944, 1.9592



225.8730, 5.9786, -4.2736



125.9400, 1.0156, 0.9296



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.



226.5260, 5.6567, 5.6777



239.4060, 7.6878, 7.5369



227.6790, 3.6093, 9.0515



111.7600, 4.0623, 3.7185



59.8460, 61.2079, 61.5251



18.3440, 18.5644, 18.9923

Inverse Universe

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



226.6530, -0.3219, 9.9513



239.6750, -0.3328, 13.4400



231.3210, -3.6093, -9.0515



111.9300, -0.4585, 7.0774



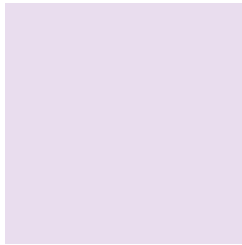
61.1720, -3.5358, 107.7202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 226.5260, 5.6567, 5.6777 looks on a white background.

Color Contrast Check

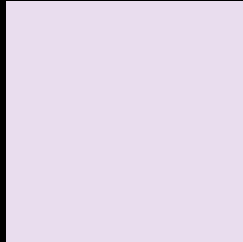
Large Text (above 18pt) WCAG AA × Fail

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 226.5260, 5.6567, 5.6777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

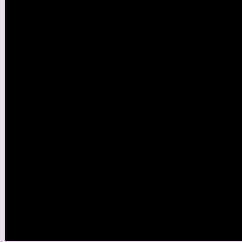
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

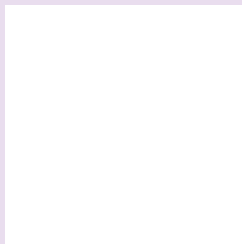
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.5260, 5.6567, 5.6777

Background



This preview shows how black text looks on a background with the YUV color 226.5260, 5.6567, 5.6777.



This preview shows how white text looks on a background with the YUV color 226.5260, 5.6567,

5.6777.

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

226.5260, 5.6567, 5.6777

Protanopia

226.1230, 6.8414, -0.9849

Deuteranopia

227.2710, 5.7824, 12.0403



Tritanopia

226.5260, 5.6567, 5.6777

Trichromacy



Original Color

226.5260, 5.6567, 5.6777

Protanomaly

226.3190, 6.2517, 1.4742

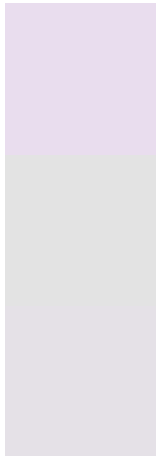
Deuteranomaly

226.9610, 5.9352, 9.6812

Tritanomaly

226.5260, 5.6567, 5.6777

Monochromacy



Original Color

226.5260, 5.6567, 5.6777

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8800, 2.0312, 1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5260, 5.6567, 5.6777 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(233, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(233, 221, 238)  
}
```

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(233, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 221, 238) }
```

Border

The CSS property to change the border of an element to YUV 226.5260, 5.6567, 5.6777 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(233, 221, 238) }
```


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

```
.border{ border-color:rgb(233, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 221,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 226.5260, 5.6567, 5.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 221, 238) }
```

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

```
.background{ background-color: rgb(233,  
221, 238) }
```

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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