

Converting Colors

YUV(222.6160, 15.9653,
12.6148)

Have a look what the booklet for
YUV(222.6160, 15.9653, 12.6148)
contains.

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Color

**YUV(222.6160, 15.9653,
12.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD1FF
RGB	237, 209, 255
RGB Percent	93%, 82%, 100%
CMY	0.0706, 0.1804, 0.0000
CMYK	0.07, 0.18, 0.00, 0.00
HSL	277°, 100%, 91%
HSV	277°, 18%, 100%
XYZ	75.7755, 70.8255, 104.2846
YIQ	222.6160, 1.9220, 20.2420

Conversions

Conversions Part 2

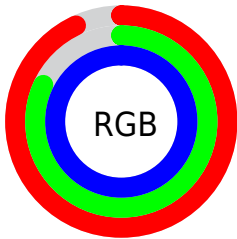
Format	Color
R _Y B	237, 209, 255
Decimal	15585791
CIE Lab	87.40, 17.93, -18.87
CIE LCh	87, 26.032, 313.548
Yxy	70.8255, 0.3020, 0.2823
Android (android.graphics.Color)	4293775871 (0xFFEDD1FF)
YUV	222.6160, 15.9653, 12.6148
Hunter-Lab	84.1579, 13.4447, -14.5590

Details

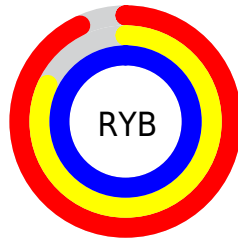
The YUV color $222.6160, 15.9653, 12.6148$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $241.3840, -15.9653, -12.6148$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.0890, 15.2391, 12.1999$ is the 20% darker color. If you saturate the color by 10%, you get $204.3640, 24.9635, 19.8518$, and if you desaturate by 10%, it is $240.8680, 6.9671, 5.3778$.

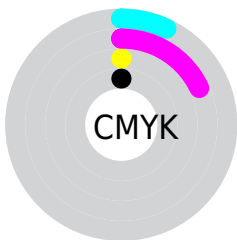
Distribution



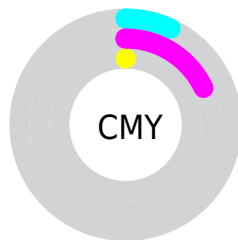
- Red (93%)
- Green (82%)
- Blue (100%)



- Red (93%)
- Yellow (82%)
- Blue (100%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6160, 15.9653, 12.6148 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 222.6160, 15.9653, 12.6148 by changing the saturation by 10% instead.

■ 222.6160, 15.9653,
12.6148

■ 222.6160, 15.9653,
12.6148

255.0000, 0.0000,
0.0000

■ 194.5020, 15.5285,
12.7147

■ 167.0890, 15.2391,
12.1999

■ 140.6760, 14.9497,
11.6851

■ 115.1490, 14.2235,
11.2703

■ 90.4370, 14.0816,
10.1408

■ 66.9100, 13.3554,
9.7259

■ 44.3830, 12.6292,

9.3111

■ 22.5570, 12.0504,
8.2815

■ 3.3770, 11.6461,
-2.0846

■ 222.6160, 15.9653,
12.6148

■ 222.6160, 15.9653,
12.6148

■ 204.3640, 24.9635,
19.8518

■ 240.8680, 6.9671,
5.3778

■ 186.6990, 33.6724,
26.5740

255.0000, 0.0000,
0.0000

■ 168.4470, 42.6706,
33.8110

■ 150.7820, 51.3795,
40.5332

■ 133.1170, 60.0883,
47.2554

■ 114.8650, 69.0866,
54.4924

■ 96.6130, 78.0848,
61.7294

■ 78.9480, 86.7936,
68.4516

■ 75.4150, 88.5354,
69.7960

Harmonies

Analogous

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



217.7440, 18.3672, -11.1765



222.6160, 15.9653, 12.6148



222.0820, 5.8756, 28.8691

Triad

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



222.6160, 15.9653, 12.6148



219.3890, -23.3628, 26.8458



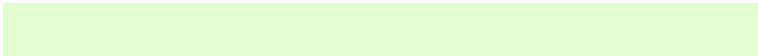
208.7380, 10.4822, -48.8822

Complementary

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



222.6160, 15.9653, 12.6148



241.3840, -15.9653, -12.6148

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.



210.5690, -3.2385, -34.7020



222.6160, 15.9653, 12.6148



216.7950, -22.5769, 8.0728

Square

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



222.6160, 15.9653, 12.6148



217.7840, -15.6695, 32.6384



213.9000, -15.2337, -13.9443



209.7730, 20.8179, -50.6669

Rectangle

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



222.6160, 15.9653, 12.6148



218.9700, -0.9712, 31.5983



213.9000, -15.2337, -13.9443



208.9080, 5.9614, -45.5233

Sweetspot

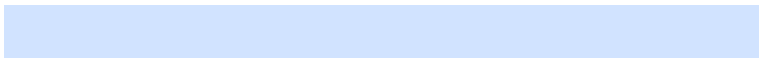
The Sweet Spot groups the original color and five complimentary colors.



222.6160, 15.9653, 12.6148



245.8740, 4.4991, 3.6185



224.8100, 14.8837, -13.8654



122.4070, 2.7573, 2.2741



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.



222.6160, 15.9653, 12.6148



215.5500, 19.4489, 15.3037



227.4280, 11.1280, 24.1806



118.8740, 4.4991, 3.6185



56.4580, 66.3292, 52.2183



18.9570, 22.2062, 17.5777

Inverse Universe

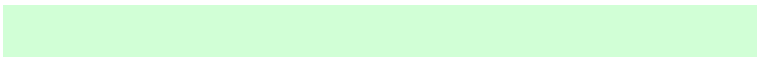
The Inverse Universe completely reimagines the original color for something new.



224.8060, 1.0816, 26.4801



218.2520, 1.3548, 32.2280



236.5720, -11.1280, -24.1806



119.4570, 0.2677, 7.4922



65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 222.6160, 15.9653, 12.6148 looks on a white background.

Color Contrast Check

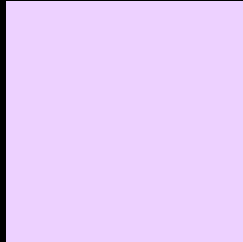
Large Text (above 18pt) WCAG AA × Fail

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 222.6160, 15.9653, 12.6148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

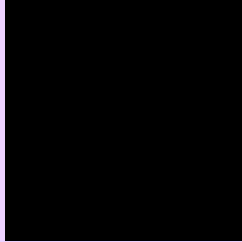
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.6160, 15.9653, 12.6148

Background



This preview shows how black text looks on a background with the YUV color 222.6160, 15.9653, 12.6148.



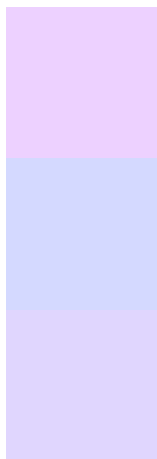
This preview shows how white text looks on a background with the YUV color 222.6160, 15.9653,

12.6148.

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

222.6160, 15.9653, 12.6148

Protanopia

219.8370, 17.3354, -6.8730

Deuteranopia

221.5500, 15.9979, 2.1487



Tritanopia

220.9180, 4.4774, 10.5959

Trichromacy



Original Color

222.6160, 15.9653, 12.6148

Protanomaly

220.7670, 16.8769, 0.2043

Deuteranomaly

221.8710, 15.8396, 6.2521

Tritanomaly

221.6560, 8.5506, 10.8257

Monochromacy



Original Color

222.6160, 15.9653, 12.6148

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6160, 15.9653, 12.6148 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(237, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 209, 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(237, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 209, 255) }
```

Border

The CSS property to change the border of an element to YUV 222.6160, 15.9653, 12.6148 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(237, 209, 255) }
```


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

```
.border{ border-color:rgb(237, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 209,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 222.6160, 15.9653, 12.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 209, 255) }
```

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

```
.background{ background-color: rgb(237,  
209, 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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