

Converting Colors

YUV(215.2240, 17.1446, 7.6966)

Have a look what the booklet for
YUV(215.2240, 17.1446, 7.6966)
contains.

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Color

**YUV(215.2240, 17.1446,
7.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CCFA
RGB	224, 204, 250
RGB Percent	88%, 80%, 98%
CMY	0.1216, 0.2000, 0.0196
CMYK	0.10, 0.18, 0.00, 0.02
HSL	266°, 82%, 89%
HSV	266°, 18%, 98%
XYZ	69.5887, 65.9352, 99.5015
YIQ	215.2240, -2.8460, 18.5460

Conversions

Conversions Part 2

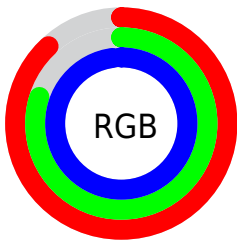
Format	Color
R _Y B	224, 204, 250
Decimal	14732538
CIE Lab	84.96, 15.46, -20.01
CIE LCh	85, 25.285, 307.694
Yxy	65.9352, 0.2961, 0.2805
Android (android.graphics.Color)	4292922618 (0xFFE0CCFA)
YUV	215.2240, 17.1446, 7.6966
Hunter-Lab	81.2005, 10.8734, -15.8125

Details

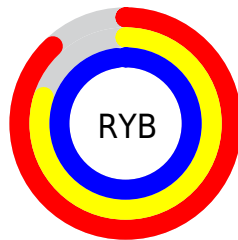
The YUV color **215.2240, 17.1446, 7.6966** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238.7760, -17.1446, -7.6966**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **160.5830, 15.9816, 7.3817** is the 20% darker color. If you saturate the color by 10%, you get **196.3630, 26.4430, 11.9596**, and if you desaturate by 10%, it is **234.0850, 7.8461, 3.4335**.

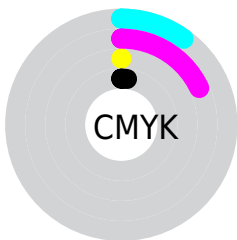
Distribution



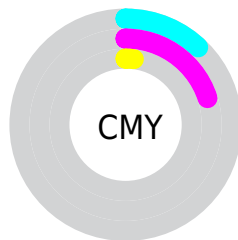
- Red (88%)
- Green (80%)
- Blue (98%)



- Red (88%)
- Yellow (80%)
- Blue (98%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2240, 17.1446, 7.6966 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 215.2240, 17.1446, 7.6966 by changing the saturation by 10% instead.

■ 215.2240, 17.1446,
7.6966

■ 215.2240, 17.1446,
7.6966

255.0000, 0.0000,
0.0000

■ 187.6970, 16.4184,
7.2817

■ 160.5830, 15.9816,
7.3817

■ 134.1700, 15.6922,
6.8669

■ 108.7570, 15.4028,
6.3521

■ 84.2300, 14.6766,
5.9373

■ 60.8170, 14.3872,
5.4225

■ 38.8770, 13.3716,

4.4929

■ 16.5890, 13.5136,
5.6224

■ 3.2090, 9.7570,
-2.8143

■ 215.2240, 17.1446,
7.6966

■ 215.2240, 17.1446,
7.6966

■ 196.3630, 26.4430,
11.9596

■ 234.0850, 7.8461,
3.4335

■ 177.5020, 35.7415,
16.2227

■ 252.9460, -1.4524,
-0.8296

■ 158.6410, 45.0400,
20.4858

■ 254.4300, -2.1840,
0.4999

■ 139.4810, 54.4859,
24.1342

■ 120.6200, 63.7843,
28.3973

■ 101.7590, 73.0828,
32.6604

■ 82.8980, 82.3813,
36.9235

■ 64.0370, 91.6798,
41.1866

■ 61.0910, 93.1321,
42.0162

Harmonies

Analogous

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



210.9220, 21.7305, -16.5946



215.2240, 17.1446, 7.6966



216.1250, 7.3334, 27.9544

Triad

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



215.2240, 17.1446, 7.6966



213.1550, -21.7684, 28.8051



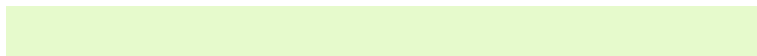
202.3640, 7.7085, -45.9232

Complementary

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



215.2240, 17.1446, 7.6966



238.7760, -17.1446, -7.6966

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.



204.6190, -5.7282, -29.4839



215.2240, 17.1446, 7.6966



210.8170, -22.5878, 11.5615

Square

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



215.2240, 17.1446, 7.6966



213.4470, -14.5174, 36.4420



207.8790, -16.7023, -9.5409



202.5020, 18.4865, -49.5523

Rectangle

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



215.2240, 17.1446, 7.6966



215.2200, -0.1085, 34.8871



207.8790, -16.7023, -9.5409



203.1320, 2.8929, -41.3348

Sweetspot

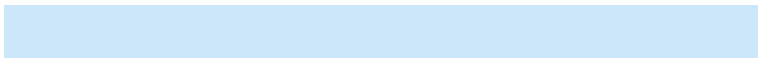
The Sweet Spot groups the original color and five complimentary colors.



215.2240, 17.1446, 7.6966



243.5040, 5.6675, 2.1890



224.5060, 12.5685, -17.9838



120.9230, 3.4890, 0.9445



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.



215.2240, 17.1446, 7.6966



212.5600, 20.9229, 9.1559



222.1010, 13.7542, 21.8364



115.2760, 4.7939, 2.3889



46.0640, 70.4674, 31.5159



15.0270, 22.6647, 10.5003

Inverse Universe

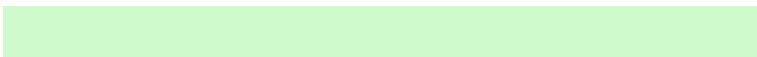
The Inverse Universe completely reimagines the original color for something new.



220.7180, 4.5760, 25.6803



219.3920, 5.7227, 31.2282



231.8990, -13.7542, -21.8364



116.7990, 1.5781, 7.1923



68.7090, 18.8775, 105.4952



22.2290, 6.2961, 34.0022

Previews

White Background



This preview shows how the YUV color 215.2240, 17.1446, 7.6966 looks on a white background.

Color Contrast Check

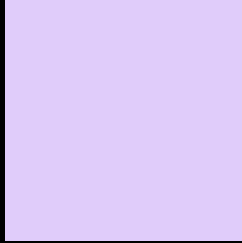
Large Text (above 18pt) WCAG AA × Fail

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 215.2240, 17.1446, 7.6966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

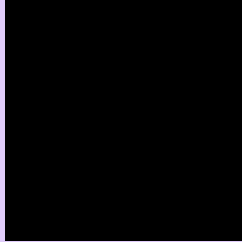
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.2240, 17.1446, 7.6966

Background



This preview shows how black text looks on a background with the YUV color 215.2240, 17.1446, 7.6966.

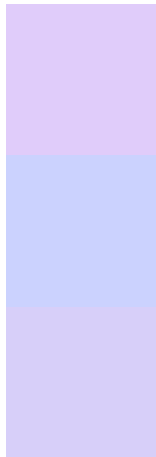


This preview shows how white text looks on a background with the YUV color 215.2240, 17.1446, 7.6966.

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

215.2240, 17.1446, 7.6966

Protanopia

212.9230, 20.2510, -8.7025

Deuteranopia

214.1800, 17.1663, 0.7191



Tritanopia

213.5260, 5.6567, 5.6777

Trichromacy



Original Color

215.2240, 17.1446, 7.6966

Protanomaly

214.0270, 19.2137, -2.6547

Deuteranomaly

214.4900, 17.0134, 3.0783

Tritanomaly

214.2640, 9.7298, 5.9075

Monochromacy



Original Color

215.2240, 17.1446, 7.6966

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2240, 17.1446, 7.6966 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(224, 204, 250)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 250)  
}
```

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(224, 204, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 250) }
```

Border

The CSS property to change the border of an element to YUV 215.2240, 17.1446, 7.6966 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(224, 204, 250) }
```


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

```
.border{ border-color:rgb(224, 204, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 250);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 215.2240, 17.1446, 7.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 250) }
```

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

```
.background{ background-color: rgb(224,  
204, 250) }
```

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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