

Converting Colors

YUV(216.2460, 13.6827,
-1.9697)

Have a look what the booklet for
YUV(216.2460, 13.6827, -1.9697)
contains.

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Color

**YUV(216.2460, 13.6827,
-1.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D4F4
RGB	214, 212, 244
RGB Percent	84%, 83%, 96%
CMY	0.1608, 0.1686, 0.0431
CMYK	0.12, 0.13, 0.00, 0.04
HSL	244°, 59%, 89%
HSV	244°, 13%, 96%
XYZ	67.6042, 67.9148, 95.1337
YIQ	216.2460, -9.0800, 10.3760

Conversions

Conversions Part 2

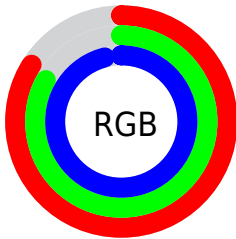
Format	Color
R _Y B	214, 212, 244
Decimal	14079220
CIE Lab	85.96, 6.82, -15.40
CIE LCh	86, 16.844, 293.895
Yxy	67.9148, 0.2931, 0.2944
Android (android.graphics.Color)	4292269300 (0xFFD6D4F4)
YUV	216.2460, 13.6827, -1.9697
Hunter-Lab	82.4104, 2.2116, -10.7564

Details

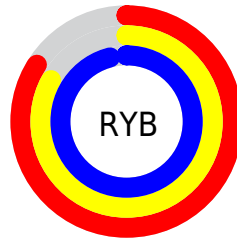
The YUV color $216.2460, 13.6827, -1.9697$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.7540, -13.6827, 1.9697$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.1320, 13.2459, -1.8698$ is the 20% darker color. If you saturate the color by 10%, you get $195.2810, 24.0185, -3.7544$, and if you desaturate by 10%, it is $237.2110, 3.3470, -0.1850$.

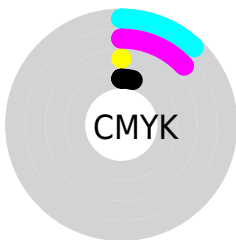
Distribution



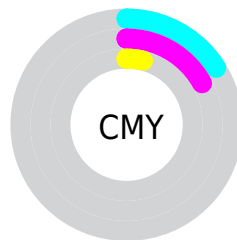
- Red (84%)
- Green (83%)
- Blue (96%)



- Red (84%)
- Yellow (83%)
- Blue (96%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2460, 13.6827, -1.9697 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 216.2460, 13.6827, -1.9697 by changing the saturation by 10% instead.

■ 216.2460, 13.6827,
-1.9697

■ 216.2460, 13.6827,
-1.9697

255.0000, 0.0000,
0.0000

■ 188.2460, 13.6827,
-1.9697

■ 161.1320, 13.2459,
-1.8698

■ 135.0180, 12.8091,
-1.7698

■ 109.6050, 12.5197,
-2.2846

■ 85.3770, 11.6461,
-2.0846

■ 61.9640, 11.3567,
-2.5994

■ 40.4370, 10.6306,

-3.0142

■ 19.3230, 10.1938,
-2.9143

■ 2.6390, 7.5730,
-2.3144

■ 216.2460, 13.6827,
-1.9697

■ 216.2460, 13.6827,
-1.9697

■ 195.2810, 24.0185,
-3.7544

■ 237.2110, 3.3470,
-0.1850

■ 173.7290, 34.6436,
-5.0243

■ 253.7460, -4.8048,
1.0998

■ 152.7640, 44.9793,
-6.8090

■ 131.5110, 55.4571,
-7.4641

■ 110.5460, 65.7928,
-9.2488

■ 89.5810, 76.1286,
-11.0335

■ 68.0290, 86.7537,
-12.3034

■ 47.0640, 97.0894,
-14.0881

■ 32.3010, 104.3676,
-15.1730

Harmonies

Analogous

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



213.4290, 16.0575, -17.0392



216.2460, 13.6827, -1.9697



217.8520, 7.9610, 13.2848

Triad

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



216.2460, 13.6827, -1.9697



216.7120, -13.1690, 23.9316



209.6610, 0.6601, -25.1357

Complementary

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



216.2460, 13.6827, -1.9697



239.7540, -13.6827, 1.9697

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.



211.2620, -7.5242, -13.3848



216.2460, 13.6827, -1.9697



215.0760, -15.3205, 13.9653

Square

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



216.2460, 13.6827, -1.9697



217.9280, -7.3595, 27.2501



213.1560, -13.3879, 0.7402



209.3920, 8.6807, -31.0388

Rectangle

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



216.2460, 13.6827, -1.9697



218.2290, 2.8451, 20.8472



213.1560, -13.3879, 0.7402



210.2870, -2.1135, -22.1767

Sweetspot

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



216.2460, 13.6827, -1.9697



246.1400, 4.3680, -0.9998



233.2580, 5.2958, -18.6433



122.0970, 2.9102, -0.0851



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.



216.2460, 13.6827, -1.9697



219.5710, 17.4665, -2.2548



221.0300, 11.3242, 7.8667



111.6670, 5.0942, -0.5850



24.7920, 79.4755, -11.2186



7.9220, 25.1815, -3.4396

Inverse Universe

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



224.9880, 8.3869, 16.6735



230.5910, 10.5546, 21.4067



234.9700, -11.3242, -7.8667



114.9560, 3.4727, 6.1776



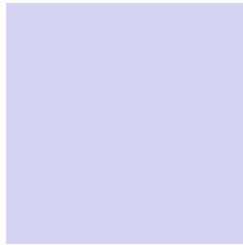
75.5640, 49.0219, 96.8524



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 216.2460, 13.6827, -1.9697 looks on a white background.

Color Contrast Check

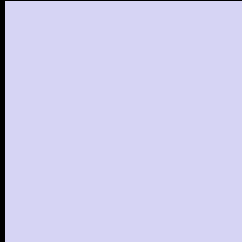
Large Text (above 18pt) WCAG AA × Fail

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 216.2460, 13.6827, -1.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

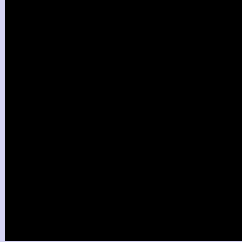
Any Text WCAG AA ✓ Pass

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 216.2460, 13.6827, -1.9697 Background



This preview shows how black text looks on a background with the YUV color 216.2460, 13.6827, -1.9697.



This preview shows how white text looks on a background with the YUV color 216.2460, 13.6827, -1.9697.

-1.9697.

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

216.2460, 13.6827, -1.9697

Protanopia

215.7510, 14.4198, -5.0436

Deuteranopia

216.9910, 13.8084, 4.3929



Tritanopia

215.3400, 7.7204, -2.9292

Trichromacy



Original Color

216.2460, 13.6827, -1.9697

Protanomaly

216.0500, 14.2723, -4.4289

Deuteranomaly

216.6810, 13.9613, 2.0338

Tritanomaly

215.6220, 10.0464, -2.2995

Monochromacy



Original Color

216.2460, 13.6827, -1.9697

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2540, 4.8048, -1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2460, 13.6827, -1.9697 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(214, 212, 244)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 244)  
}
```

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(214, 212, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 244) }
```

Border

The CSS property to change the border of an element to YUV 216.2460, 13.6827, -1.9697 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(214, 212, 244) }
```


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

```
.border{ border-color:rgb(214, 212, 244) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 244);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 216.2460, 13.6827, -1.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 244) }
```

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

```
.background{ background-color: rgb(214,  
212, 244) }
```

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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