

Converting Colors

YUV(225.1640, 14.7091,
-4.5288)

Have a look what the booklet for
YUV(225.1640, 14.7091, -4.5288)
contains.

YUV(225.1640, 14.7091, -4.5288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(225.1640, 14.7091,
-4.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDEFF
RGB	220, 222, 255
RGB Percent	86%, 87%, 100%
CMY	0.1373, 0.1294, 0.0000
CMYK	0.14, 0.13, 0.00, 0.00
HSL	237°, 100%, 93%
HSV	237°, 14%, 100%
XYZ	73.6865, 74.6782, 105.1384
YIQ	225.1640, -11.7850, 9.8390

Conversions

Conversions Part 2

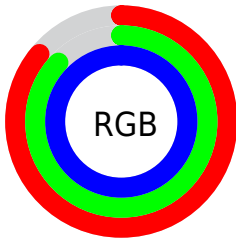
Format	Color
R _Y B	220, 222, 255
Decimal	14475007
CIE Lab	89.24, 5.70, -16.23
CIE LCh	89, 17.199, 289.338
Yxy	74.6782, 0.2907, 0.2946
Android (android.graphics.Color)	4292665087 (0xFFDCDEFF)
YUV	225.1640, 14.7091, -4.5288
Hunter-Lab	86.4165, 0.9761, -11.6434

Details

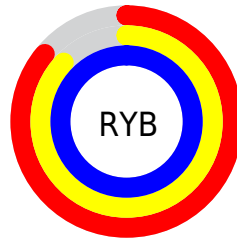
The YUV color $225.1640, 14.7091, -4.5288$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $249.8360, -14.7091, 4.5288$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.9360, 13.8356, -4.3289$ is the 20% darker color. If you saturate the color by 10%, you get $203.6010, 25.3397, -7.5431$, and if you desaturate by 10%, it is $247.0260, 3.9312, -0.8998$.

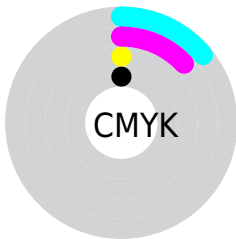
Distribution



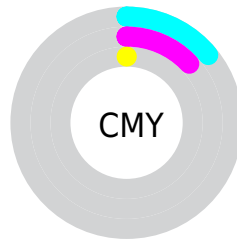
- Red (86%)
- Green (87%)
- Blue (100%)



- Red (86%)
- Yellow (87%)
- Blue (100%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.1640, 14.7091, -4.5288 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 225.1640, 14.7091, -4.5288 by changing the saturation by 10% instead.

■ 225.1640, 14.7091,
-4.5288

■ 225.1640, 14.7091,
-4.5288

255.0000, 0.0000,
0.0000

■ 197.0500, 14.2723,
-4.4289

■ 169.9360, 13.8356,
-4.3289

■ 143.5230, 13.5462,
-4.8437

■ 117.7080, 12.9620,
-4.1289

■ 93.2950, 12.6726,
-4.6437

■ 69.1810, 12.2358,
-4.5437

■ 46.6540, 11.5096,

-4.9586

■ 25.8280, 10.9308,
-5.9882

■ 3.0780, 11.7935,
-2.6994

■ 225.1640, 14.7091,
-4.5288

■ 225.1640, 14.7091,
-4.5288

■ 203.6010, 25.3397,
-7.5431

■ 247.0260, 3.9312,
-0.8998

■ 181.7390, 36.1177,
-11.1721

255.0000, 0.0000,
0.0000

■ 160.1760, 46.7482,
-14.1864

■ 138.3140, 57.5262,
-17.8154

■ 116.7510, 68.1568,
-20.8296

■ 94.8890, 78.9347,
-24.4587

■ 73.3260, 89.5653,
-27.4729

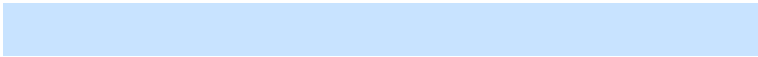
■ 51.4640, 100.3432,
-31.1019

■ 37.8750, 107.0426,
-33.2164

Harmonies

Analogous

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



222.1190, 16.2103, -19.3984



225.1640, 14.7091, -4.5288



227.1830, 9.2768, 11.2405

Triad

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



225.1640, 14.7091, -4.5288



225.8370, -12.7376, 25.5760



219.3190, -0.6503, -24.8358

Complementary

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



225.1640, 14.7091, -4.5288



249.8360, -14.7091, 4.5288

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.



220.5180, -9.1294, -11.8553



225.1640, 14.7091, -4.5288



224.2720, -15.9101, 16.4245

Square

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



225.1640, 14.7091, -4.5288



225.6720, -5.7543, 25.7207



222.2380, -14.4143, 3.2993



218.4520, 7.6652, -31.9684

Rectangle

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



225.1640, 14.7091, -4.5288



227.2720, 4.3029, 19.9325



222.2380, -14.4143, 3.2993



219.5430, -3.7187, -20.6472

Sweetspot

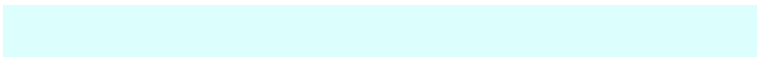
The Sweet Spot groups the original color and five complimentary colors.



225.1640, 14.7091, -4.5288



246.1400, 4.3680, -0.9998



244.3070, 4.2856, -21.3172



121.7980, 3.0576, -0.6998



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.



225.1640, 14.7091, -4.5288



220.4350, 17.0405, -5.6435



228.4750, 13.0768, 5.7224



116.4820, 5.6784, -1.2997



28.2310, 80.2451, -24.7586



9.6440, 26.7975, -8.4578

Inverse Universe

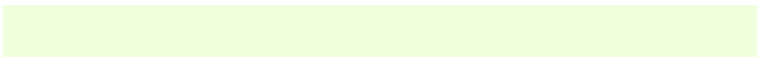
The Inverse Universe completely reimagines the original color for something new.



230.6930, -4.2856, 21.3172



226.6010, -4.7333, 24.9059



246.5250, -13.0768, -5.7224



118.8870, -1.9163, 7.9921



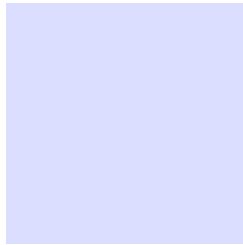
58.3630, -23.3500, 116.3226



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 225.1640, 14.7091, -4.5288 looks on a white background.

Color Contrast Check

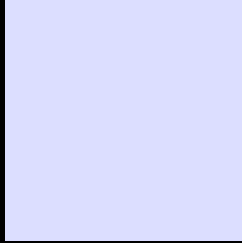
Large Text (above 18pt) WCAG AA × Fail

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 225.1640, 14.7091, -4.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

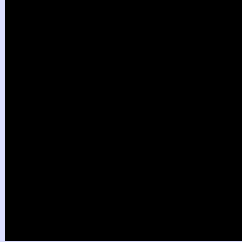
Any Text WCAG AA ✓ Pass

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 225.1640, 14.7091, -4.5288 Background



This preview shows how black text looks on a background with the YUV color 225.1640, 14.7091, -4.5288.



This preview shows how white text looks on a background with the YUV color 225.1640, 14.7091, -4.5288.

-4.5288.

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

225.1640, 14.7091, -4.5288

Protanopia

224.8650, 14.8566, -5.1436

Deuteranopia

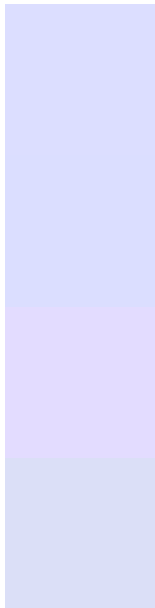
226.6920, 13.9558, 3.7781



Tritanopia

224.2580, 8.7468, -5.4883

Trichromacy



Original Color

225.1640, 14.7091, -4.5288

Protanomaly

224.8650, 14.8566, -5.1436

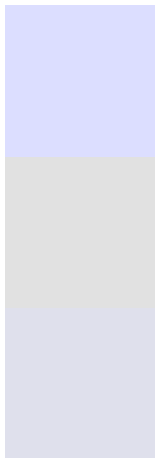
Deuteranomaly

226.0830, 14.2561, 0.8042

Tritanomaly

224.5400, 11.0728, -4.8586

Monochromacy



Original Color

225.1640, 14.7091, -4.5288

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.1640, 14.7091, -4.5288 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(220, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 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(220, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 255) }
```

Border

The CSS property to change the border of an element to YUV 225.1640, 14.7091, -4.5288 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(220, 222, 255) }
```


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

```
.border{ border-color:rgb(220, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 225.1640, 14.7091, -4.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 255) }
```

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

```
.background{ background-color: rgb(220,  
222, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor