

Converting Colors

YUV(220.7640, 8.0043, -0.6700)

Have a look what the booklet for
YUV(220.7640, 8.0043, -0.6700)
contains.

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Color

**YUV(220.7640, 8.0043,
-0.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDAED
RGB	220, 218, 237
RGB Percent	86%, 85%, 93%
CMY	0.1373, 0.1451, 0.0706
CMYK	0.07, 0.08, 0.00, 0.07
HSL	246°, 35%, 89%
HSV	246°, 8%, 93%
XYZ	69.8727, 71.4729, 90.2337
YIQ	220.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

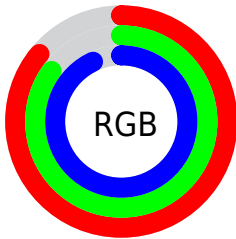
Format	Color
R _Y B	220, 218, 237
Decimal	14473965
CIE Lab	87.71, 4.22, -9.04
CIE LCh	88, 9.976, 294.995
Yxy	71.4729, 0.3017, 0.3086
Android (android.graphics.Color)	4292664045 (0xFFDCDAED)
YUV	220.7640, 8.0043, -0.6700
Hunter-Lab	84.5416, -0.4197, -4.1028

Details

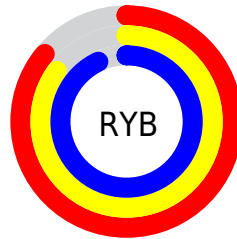
The YUV color $220.7640, 8.0043, -0.6700$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $234.2360, -8.0043, 0.6700$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.6500, 7.5676, -0.5700$ is the 20% darker color. If you saturate the color by 10%, you get $200.3970, 18.0453, -1.2252$, and if you desaturate by 10%, it is $241.1310, -2.0366, -0.1149$.

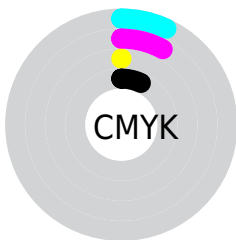
Distribution



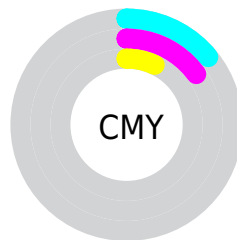
- Red (86%)
- Green (85%)
- Blue (93%)



- Red (86%)
- Yellow (85%)
- Blue (93%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7640, 8.0043, -0.6700 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 220.7640, 8.0043, -0.6700 by changing the saturation by 10% instead.

■ 220.7640, 8.0043,
-0.6700

■ 220.7640, 8.0043,
-0.6700

255.0000, 0.0000,
0.0000

■ 192.7640, 8.0043,
-0.6700

■ 165.6500, 7.5676,
-0.5700

■ 139.5360, 7.1308,
-0.4701

■ 114.1230, 6.8414,
-0.9849

■ 89.4220, 6.6940,
-0.3701

■ 66.0090, 6.4046,
-0.8849

■ 43.8950, 5.9678,

-0.7849

■ 23.4820, 5.6784,
-1.2997

■ 1.3680, 5.2416,
-1.1997

■ 220.7640, 8.0043,
-0.6700

■ 220.7640, 8.0043,
-0.6700

■ 200.3970, 18.0453,
-1.2252

■ 241.1310, -2.0366,
-0.1149

■ 180.6170, 27.7968,
-2.2951

■ 252.9480, -7.8624,
1.7996

■ 159.9510, 37.9852,
-3.4650

■ 139.5840, 48.0261,
-4.0202

■ 119.2170, 58.0670,
-4.5753

■ 99.4370, 67.8186,
-5.6452

■ 79.0700, 77.8595,
-6.2004

■ 58.4040, 88.0478,
-7.3703

■ 38.6240, 97.7994,
-8.4402

Harmonies

Analogous

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



219.1650, 9.7787, -9.7917



220.7640, 8.0043, -0.6700



221.6080, 4.6303, 8.2368

Triad

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



220.7640, 8.0043, -0.6700



221.3240, -8.0477, 14.6249



217.3140, 0.3382, -15.1844

Complementary

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



220.7640, 8.0043, -0.6700



234.2360, -8.0043, 0.6700

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.



217.5060, -4.1935, -8.3368



220.7640, 8.0043, -0.6700



220.2370, -9.4838, 8.5622

Square

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



220.7640, 8.0043, -0.6700



221.8450, -4.8536, 16.7989



218.9370, -7.8569, 0.0553



216.8560, 5.0010, -17.4137

Rectangle

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



220.7640, 8.0043, -0.6700



222.1310, 1.4144, 13.0401



218.9370, -7.8569, 0.0553



216.9830, -0.9776, -13.1401

Sweetspot

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



220.7640, 8.0043, -0.6700



250.5700, 2.1840, -0.4999



230.1450, 3.3795, -10.6512



125.3420, 1.3104, -0.2999



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.



220.7640, 8.0043, -0.6700



233.4480, 10.6251, -1.2699



223.4550, 6.6777, 4.8630



107.5530, 4.6574, -0.4850



26.3150, 76.2597, -6.4153



7.9500, 22.7026, -1.7102

Inverse Universe

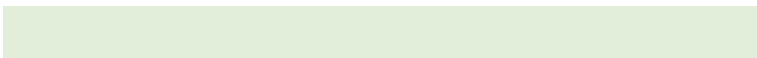
The Inverse Universe completely reimagines the original color for something new.



225.6190, 4.6248, 9.9811



239.9830, 5.9244, 13.1699



231.5450, -6.6777, -4.8630



110.4290, 2.7465, 5.7628



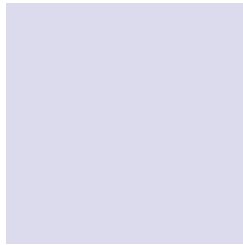
72.5870, 44.0806, 95.0782



21.6180, 13.0063, 28.3990

Previews

White Background



This preview shows how the YUV color 220.7640, 8.0043, -0.6700 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 220.7640, 8.0043, -0.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

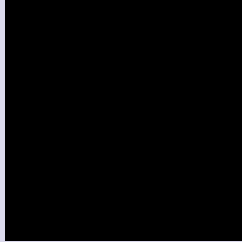
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.7640, 8.0043, -0.6700

Background



This preview shows how black text looks on a background with the YUV color 220.7640, 8.0043, -0.6700.



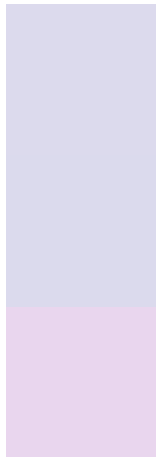
This preview shows how white text looks on a background with the YUV color 220.7640, 8.0043,

-0.6700.

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

220.7640, 8.0043, -0.6700

Protanopia

220.4650, 8.1518, -1.2848

Deuteranopia

222.4170, 7.6824, 9.2813



Tritanopia

220.5360, 7.1308, -0.4701

Trichromacy



Original Color

220.7640, 8.0043, -0.6700

Protanomaly

220.4650, 8.1518, -1.2848

Deuteranomaly

221.5090, 8.1301, 5.6926

Tritanomaly

220.6500, 7.5676, -0.5700

Monochromacy



Original Color

220.7640, 8.0043, -0.6700

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7640, 8.0043, -0.6700 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, 218, 237)` looks like.

```
.text, #text, p{  
    color:rgb(220, 218, 237)  
}
```

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, 218, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 218, 237) }
```

Border

The CSS property to change the border of an element to YUV 220.7640, 8.0043, -0.6700 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, 218, 237) }
```


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

```
.border{ border-color:rgb(220, 218, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 218, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 218, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 218, 237);  
box-shadow:4px 4px 4px 4px rgb(220, 218,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 220.7640, 8.0043, -0.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 218, 237) }
```

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

```
.background{ background-color: rgb(220,  
218, 237) }
```

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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