

# Converting Colors

YUV(62.3620, 78.2085,  
-24.8735)

Have a look what the booklet for  
YUV(62.3620, 78.2085, -24.8735)  
contains.

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# Color

**YUV(62.3620, 78.2085,  
-24.8735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	222EDD
RGB	34, 46, 221
RGB Percent	13%, 18%, 87%
CMY	0.8667, 0.8196, 0.1333
CMYK	0.85, 0.79, 0.00, 0.13
HSL	236°, 73%, 50%
HSV	236°, 85%, 87%
XYZ	14.6878, 7.5145, 69.0829
YIQ	62.3620, -63.3270, 51.8810

# Conversions

## Conversions Part 2

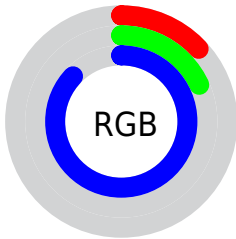
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 45, 221
Decimal	2240221
CIELab	32.95, 57.32, -87.46
CIELCh	33, 104.569, 303.240
Yxy	7.5145, 0.1609, 0.0823
Android (android.graphics.Color)	4280430301 (0xFF222EDD)
YUV	62.3620, 78.2085, -24.8735
Hunter-Lab	27.4126, 47.6690, -130.2286

# Details

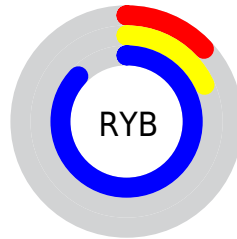
The YUV color **62.3620, 78.2085, -24.8735** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **192.6380, -78.2085, 24.8735**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8180, 66.6447, -2.4714**, and **18.6960, 71.6349, -16.3964** is the 20% darker color. If you saturate the color by 10%, you get **43.4570, 87.5287, -27.5878**, and if you desaturate by 10%, it is **81.2670, 68.8884, -22.1592**.

# Distribution



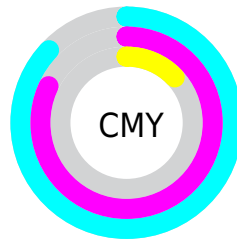
- Red (13%)
- Green (18%)
- Blue (87%)



- Red (13%)
- Yellow (18%)
- Blue (87%)



- Cyan (85%)
- Magenta (79%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (82%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.3620, 78.2085, -24.8735 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 62.3620, 78.2085, -24.8735 by changing the saturation by 10% instead.



■ 62.3620, 78.2085,  
-24.8735

■ 62.3620, 78.2085,  
-24.8735

■ 255.0000, 0.0000,  
0.0000

■ 34.2150, 77.7880,  
-30.0066

■ 119.8180, 66.6447,  
-2.4714

■ 18.6960, 71.6349,  
-16.3964

■ 144.9470, 54.2561,  
4.4315

■ 15.6180, 59.8413,  
-13.6970

■ 170.3640, 41.7255,  
10.2048

■ 12.5400, 48.0478,  
-10.9976

■ 195.7810, 29.1950,  
15.9781

■ 16.7340, 33.6551,  
-14.6757

■ 221.4860, 16.5224,  
20.6218

■ 10.4760, 24.9083,  
-9.1875

■ 240.9120, 6.9454,

■ 5.5060, 16.0195,

12.3552

-4.8288

■ 2.2970, 6.2626,  
-2.0145

■ 0.0000, 0.0000,  
0.0000

■ 62.3620, 78.2085,  
-24.8735

■ 62.3620, 78.2085,  
-24.8735

■ 43.4570, 87.5287,  
-27.5878

■ 81.2670, 68.8884,  
-22.1592

■ 33.4120, 92.4809,  
-29.3023

■ 99.5850, 59.8576,  
-18.9300

■ 118.4900, 50.5374,  
-16.2157

■ 137.3950, 41.2173,  
-13.5014

■ 156.0120, 32.0391,  
-9.6575

■ 174.9170, 22.7189,  
-6.9432

■ 193.8220, 13.3988,  
-4.2289

■ 212.1400, 4.3680,  
-0.9998

■ 231.0450, -4.9522,  
1.7145

# Harmonies

## Analogous

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



81.9170, 82.8649, -71.8412



62.3620, 78.2085, -24.8735



69.5820, 41.6181, 91.5746

# Triad

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



62.3620, 78.2085, -24.8735



63.9330, -31.5190, 76.3578



70.1510, 7.3206, -61.5224

# Complementary

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



62.3620, 78.2085, -24.8735



192.6380, -78.2085, 24.8735

# 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.



59.2870, -29.2285, -51.9947



62.3620, 78.2085, -24.8735



72.6850, -35.8337, 13.4313

# Square

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



62.3620, 78.2085, -24.8735



58.0060, -28.5970, 119.2667



55.7650, -27.4921, -48.9059



81.4880, 43.1434, -71.4650



# Rectangle

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



62.3620, 78.2085, -24.8735



71.7980, 13.9036, 114.1872



55.7650, -27.4921, -48.9059



66.2580, -5.0572, -58.1083

# Sweetspot

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



62.3620, 78.2085, -24.8735



200.6440, 26.7975, -8.4578



163.7190, 22.3235, -113.7636



95.2070, 16.1669, -5.4435



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.



62.3620, 78.2085, -24.8735



38.4620, 106.7532, -33.7312



79.5370, 69.7413, 31.1011



100.2540, 4.8048, -1.0998



26.1790, 72.3828, -22.9590



7.0050, 19.2245, -6.1434



# Inverse Universe

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



91.2810, -22.3235, 113.7636



78.0690, -30.6000, 155.1685



175.4630, -69.7413, -31.1011



102.2890, -1.6215, 6.7625



52.9810, -20.6966, 105.2567

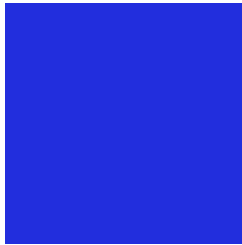


14.0960, -5.4703, 27.9798



# Previews

## White Background



This preview shows how the YUV color 62.3620, 78.2085, -24.8735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

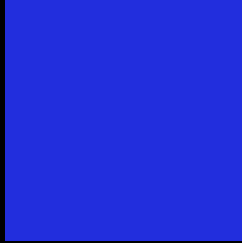
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 62.3620, 78.2085, -24.8735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

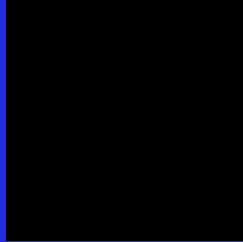
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.3620, 78.2085, -24.8735

## Background



This preview shows how black text looks on a background with the YUV color 62.3620, 78.2085, -24.8735.



This preview shows how white text looks on a background with the YUV color 62.3620, 78.2085,



# 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

62.3620, 78.2085, -24.8735

### Protanopia

61.2220, 46.7256, -53.6917

### Deuteranopia

61.5350, 35.2322, -53.9662



## Tritanopia

60.1550, 14.7136, -52.7559

# Trichromacy



## Original Color

62.3620, 78.2085, -24.8735

## Protanomaly

61.6760, 58.3337, -43.5659

## Deuteranomaly

61.7270, 50.9136, -43.6106

## Tritanomaly

60.9970, 37.9625, -42.9704

# Monochromacy



## Original Color

62.3620, 78.2085, -24.8735

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.1000, 28.5447, -8.8577

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.3620, 78.2085, -24.8735 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(34, 46, 221)` looks like.

```
.text, #text, p{  
    color:rgb(34, 46, 221)  
}
```

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(34, 46, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 46, 221) }
```

## Border

The CSS property to change the border of an element to YUV 62.3620, 78.2085, -24.8735 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(34, 46, 221) }
```



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

```
.border{ border-color:rgb(34, 46, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 46, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 46, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 46, 221);  
box-shadow:4px 4px 4px 4px rgb(34, 46,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 62.3620, 78.2085, -24.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 46, 221) }
```

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

```
.background{ background-color: rgb(34, 46,  
221) }
```

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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