

# Converting Colors

YUV(24.2650, 78.7494,  
-11.6334)

Have a look what the booklet for  
YUV(24.2650, 78.7494, -11.6334)  
contains.

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# Color

**YUV(24.2650, 78.7494,  
-11.6334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B00B8
RGB	11, 0, 184
RGB Percent	4%, 0%, 72%
CMY	0.9569, 1.0000, 0.2784
CMYK	0.94, 1.00, 0.00, 0.28
HSL	244°, 100%, 36%
HSV	244°, 100%, 72%
XYZ	8.7897, 3.5318, 45.5658
YIQ	24.2650, -52.5080, 59.5560

# Conversions

## Conversions Part 2

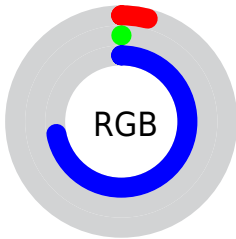
Format	Color
<b>RYB</b>	11, 0, 184
Decimal	721080
CIELab	22.06, 62.06, -83.98
CIElCh	22, 104.421, 306.465
Yxy	3.5318, 0.1518, 0.0610
Android (android.graphics.Color)	4278911160 (0xFF0B00B8)
YUV	24.2650, 78.7494, -11.6334
Hunter-Lab	18.7932, 50.5980, -130.5989

# Details

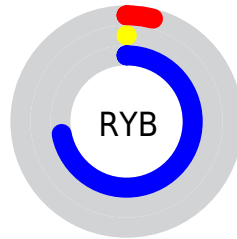
The YUV color **24.2650, 78.7494, -11.6334** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **159.7350, -78.7494, 11.6334**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1920, 72.8693, 7.7246**, and **14.7060, 56.3469, -12.8972** is the 20% darker color. If you saturate the color by 10%, you get **24.2650, 78.7494, -11.6334**, and if you desaturate by 10%, it is **39.9140, 71.0344, -10.4486**.

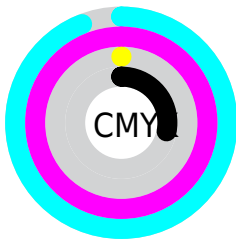
# Distribution



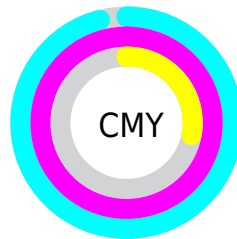
- Red (4%)
- Green (0%)
- Blue (72%)



- Red (4%)
- Yellow (0%)
- Blue (72%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (96%)
- Magenta (100%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 24.2650, 78.7494, -11.6334 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 24.2650, 78.7494, -11.6334 by changing the saturation by 10% instead.



■ 24.2650, 78.7494,  
-11.6334

■ 24.2650, 78.7494,  
-11.6334

■ 253.8260, 0.5788,  
1.0296

■ 17.7840, 68.1405,  
-15.5966

■ 94.1920, 72.8693,  
7.7246

■ 14.7060, 56.3469,  
-12.8972

■ 119.9170, 66.5959,  
13.2278

■ 11.7420, 44.9902,  
-10.2977

■ 145.0350, 54.2127,  
18.3863

■ 14.7620, 31.1763,  
-12.9463

■ 169.5660, 42.1190,  
24.0596

■ 9.0910, 22.1401,  
-7.9728

■ 195.2710, 29.4464,  
28.7033


■ 4.8220, 13.3988,  
-4.2289

■ 219.7800, 17.3635,


■ 0.3420, 1.3104,


30.8879


-0.2999


 236.2160, 9.2605,  
16.4736


 0.0000, 0.0000,  
0.0000


 24.2650, 78.7494,  
-11.6334

 39.9140, 71.0344,  
-10.4486

 56.4490, 62.8826,  
-9.1638

 72.0980, 55.1677,  
-7.9789

 88.3340, 47.1633,  
-7.3089

 104.2820, 39.3010,  
-5.5093

■ 119.9310, 31.5860,  
-4.3245

■ 136.1670, 23.5817,  
-3.6545

■ 151.8160, 15.8667,  
-2.4696

■ 168.3510, 7.7150,  
-1.1848

# Harmonies

## Analogous

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



62.8930, 75.9748, -55.1572



24.2650, 78.7494, -11.6334



57.2910, 29.4365, 78.6748

# Triad

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



24.2650, 78.7494, -11.6334



37.2980, -18.3879, 64.6367



51.3040, 8.7241, -44.9936

# Complementary

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



24.2650, 78.7494, -11.6334



159.7350, -78.7494, 11.6334

# 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.



42.8510, -21.1255, -37.5803



24.2650, 78.7494, -11.6334



48.7080, -24.0130, 2.0101

# Square

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



24.2650, 78.7494, -11.6334



46.0460, -22.7007, 94.6757



39.9160, -19.6786, -35.0063



62.5440, 41.6368, -54.8511



# Rectangle

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



24.2650, 78.7494, -11.6334



58.0550, 3.9169, 97.2988



39.9160, -19.6786, -35.0063



47.5250, -3.2168, -41.6794

# Sweetspot

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



24.2650, 78.7494, -11.6334



177.4040, 30.8598, -4.7393



123.7010, 29.7274, -108.4858



82.5000, 18.4875, -3.0695



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2650, 78.7494, -11.6334



31.5460, 102.7678, -15.3878



51.1750, 65.4827, 43.6965



84.0260, 3.9312, -0.8998



20.4750, 66.8138, -10.0636



3.7900, 11.9355, -1.5698



# Inverse Universe

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



74.7380, 48.4432, 95.8228



97.4100, 62.9019, 125.0514



132.8250, -65.4827, -43.6965



86.6030, 2.1677, 4.7332



63.2880, 40.7770, 81.3084

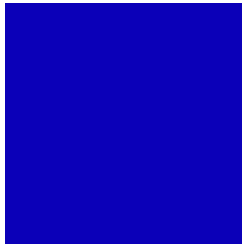


11.3360, 7.2294, 14.6143



# Previews

## White Background



This preview shows how the YUV color 24.2650, 78.7494, -11.6334 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

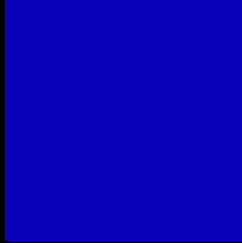
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 24.2650, 78.7494, -11.6334 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 24.2650, 78.7494, -11.6334

## Background



This preview shows how black text looks on a background with the YUV color 24.2650, 78.7494, -11.6334.



This preview shows how white text looks on a background with the YUV color 24.2650, 78.7494, -11.6334.



# 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



### Protanopia

44.5800, 33.7311, -39.0967

### Deuteranopia

44.9900, 25.1479, -39.4562

### Tritanopia

43.8040, 10.4496, -38.4161

# Trichromacy



## Protanomaly

37.0000, 50.2860, -28.9410

## Deuteranomaly

37.5070, 44.6130, -29.3856

## Tritanomaly

36.4010, 35.2983, -28.4157

# Monochromacy



## Achromatopsia

24.0000, 0.0000, 0.0000

## Achromatomaly

23.8340, 28.6758, -4.2394

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 24.2650, 78.7494, -11.6334 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(11, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(11, 0, 184)  
}
```

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(11, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 0, 184) }
```

## Border

The CSS property to change the border of an element to YUV 24.2650, 78.7494, -11.6334 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(11, 0, 184) }
```

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

```
.border{ border-color:rgb(11, 0, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 0, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(11, 0, 184)  
}
```



# Background

The CSS property to change the background color of an element to YUV 24.2650, 78.7494, -11.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 0, 184) }
```

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

```
.background{ background-color: rgb(11, 0,  
184) }
```

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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