

# Converting Colors

YUV(40.5660, 72.1920, -8.3894)

Have a look what the booklet for  
YUV(40.5660, 72.1920, -8.3894)  
contains.

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# Color

**YUV(40.5660, 72.1920,  
-8.3894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F11BB
RGB	31, 17, 187
RGB Percent	12%, 7%, 73%
CMY	0.8784, 0.9333, 0.2667
CMYK	0.83, 0.91, 0.00, 0.27
HSL	245°, 83%, 40%
HSV	245°, 91%, 73%
XYZ	9.7352, 4.2801, 47.3267
YIQ	40.5660, -46.2260, 55.8380

# Conversions

## Conversions Part 2

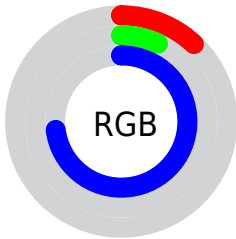
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 17, 187
Decimal	2036155
CIE <sub>Lab</sub>	24.58, 59.04, -81.54
CIE <sub>LCh</sub>	25, 100.671, 305.907
Yxy	4.2801, 0.1587, 0.0698
Android (android.graphics.Color)	4280226235 (0xFF1F11BB)
YUV	40.5660, 72.1920, -8.3894
Hunter-Lab	20.6883, 47.7911, -121.1505

# Details

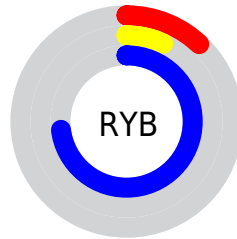
The YUV color **40.5660, 72.1920, -8.3894** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **163.4340, -72.1920, 8.3894**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.6110, 70.6908, 6.4802**, and **15.0480, 57.6573, -13.1971** is the 20% darker color. If you saturate the color by 10%, you get **25.8030, 79.4701, -9.4742**, and if you desaturate by 10%, it is **56.8020, 64.1876, -7.7194**.

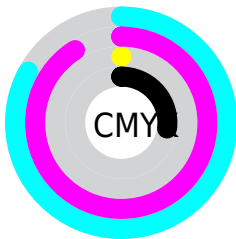
# Distribution



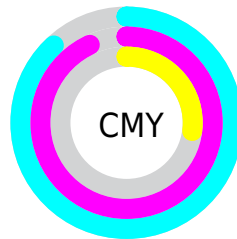
- Red (12%)
- Green (7%)
- Blue (73%)



- Red (12%)
- Yellow (7%)
- Blue (73%)



- Cyan (83%)
- Magenta (91%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (93%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 40.5660, 72.1920, -8.3894 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 40.5660, 72.1920, -8.3894 by changing the saturation by 10% instead.



■ 40.5660, 72.1920,  
-8.3894

■ 40.5660, 72.1920,  
-8.3894

■ 255.0000, 0.0000,  
0.0000

■ 18.1260, 69.4509,  
-15.8965

■ 101.6110, 70.6908,  
6.4802

■ 15.0480, 57.6573,  
-13.1971

■ 127.5810, 62.8176,  
11.7685

■ 12.0840, 46.3006,  
-10.5977

■ 152.1120, 50.7238,  
17.4418

■ 14.9900, 32.0499,  
-13.1462

■ 177.2300, 38.3406,  
22.6003

■ 9.3190, 23.0137,  
-8.1728

■ 202.0490, 26.1048,  
27.1440

■ 5.0500, 14.2723,  
-4.4289


■ 225.0630, 14.7589,


■ 0.9120, 3.4944,


26.2547


-0.7998


 242.0860, 6.3666,  
11.3256


 0.0000, 0.0000,  
0.0000


 40.5660, 72.1920,  
-8.3894


 40.5660, 72.1920,  
-8.3894


 25.8030, 79.4701,  
-9.4742

 56.8020, 64.1876,  
-7.7194

 72.4510, 56.4727,  
-6.5345

 88.6870, 48.4683,  
-5.8645

 105.2220, 40.3166,  
-4.5797

 121.4580, 32.3122,  
-3.9097

■ 137.1070, 24.5972,  
-2.7248

■ 153.3430, 16.5929,  
-2.0548

■ 169.5790, 8.5886,  
-1.3848

■ 185.2280, 0.8736,  
-0.2000

# Harmonies

## Analogous

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



65.9420, 74.9646, -57.8311



40.5660, 72.1920, -8.3894



59.1710, 31.4677, 80.5340

# Triad

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



40.5660, 72.1920, -8.3894



45.8480, -22.6031, 63.2773



55.8690, 8.4456, -48.9971

# Complementary

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



40.5660, 72.1920, -8.3894



163.4340, -72.1920, 8.3894

# 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.



45.7860, -22.5725, -40.1543



40.5660, 72.1920, -8.3894



54.0350, -26.6393, 4.3543

# Square

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



40.5660, 72.1920, -8.3894



47.8400, -23.5851, 98.3643



43.4380, -21.4149, -38.0951



65.7070, 41.0634, -57.6250



# Rectangle

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



40.5660, 72.1920, -8.3894



60.0490, 6.3848, 99.0580



43.4380, -21.4149, -38.0951



52.2040, -3.0586, -45.7829

# Sweetspot

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



40.5660, 72.1920, -8.3894



185.9050, 27.6548, -3.4247



129.7130, 28.2425, -98.8493



88.3430, 16.5929, -2.0548



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



40.5660, 72.1920, -8.3894



33.5680, 102.7570, -11.8991



65.0840, 60.1046, 42.0223



86.3250, 3.7838, -0.2850



21.8990, 67.0978, -7.8044



4.4310, 13.0985, -1.2550



# Inverse Universe

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



85.6140, 43.0813, 88.9155



97.6660, 61.2967, 126.5809



138.9160, -60.1046, -42.0223



88.7170, 2.6045, 4.6332



63.7720, 40.0454, 82.6380

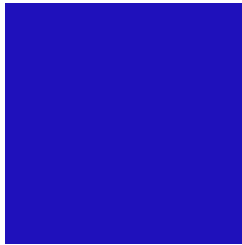


12.4610, 7.6607, 16.2587



# Previews

## White Background



This preview shows how the YUV color 40.5660, 72.1920, -8.3894 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

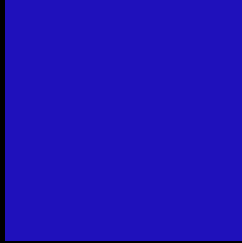
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 40.5660, 72.1920, -8.3894 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 40.5660, 72.1920, -8.3894

## Background



This preview shows how black text looks on a background with the YUV color 40.5660, 72.1920, -8.3894.



This preview shows how white text looks on a background with the YUV color 40.5660, 72.1920, -8.3894.

-8.3894.

# 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

40.5660, 72.1920, -8.3894

### Protanopia

47.1390, 35.9205, -41.3409

### Deuteranopia

47.4350, 26.9005, -41.6005

# Trichromacy



## Original Color

40.5660, 72.1920, -8.3894

## Protanomaly

44.3590, 49.1230, -29.2558

## Deuteranomaly

44.8660, 43.4501, -29.7005

# Monochromacy



## Original Color

40.5660, 72.1920, -8.3894

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

40.5630, 26.3444, -3.1248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 40.5660, 72.1920, -8.3894 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(31, 17, 187)` looks like.

```
.text, #text, p{  
    color:rgb(31, 17, 187)  
}
```

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(31, 17, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 17, 187) }
```

## Border

The CSS property to change the border of an element to YUV 40.5660, 72.1920, -8.3894 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(31, 17, 187) }
```

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

```
.border{ border-color:rgb(31, 17, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 17, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 17, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 17, 187);  
box-shadow:4px 4px 4px 4px rgb(31, 17,  
187) }
```



# Background

The CSS property to change the background color of an element to YUV 40.5660, 72.1920, -8.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 17, 187) }
```

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

```
.background{ background-color: rgb(31, 17,  
187) }
```

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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