

# Converting Colors

YUV(62.1350, 52.6844, 41.9776)

Have a look what the booklet for  
YUV(62.1350, 52.6844, 41.9776)  
contains.

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# Color

**YUV(62.1350, 52.6844,  
41.9776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E11A9
RGB	110, 17, 169
RGB Percent	43%, 7%, 66%
CMY	0.5686, 0.9333, 0.3373
CMYK	0.35, 0.90, 0.00, 0.34
HSL	277°, 82%, 36%
HSV	277°, 90%, 66%
XYZ	13.7923, 6.5805, 38.0793
YIQ	62.1350, 6.6360, 66.9880

# Conversions

## Conversions Part 2

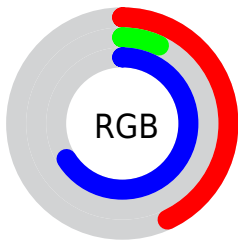
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 17, 169
Decimal	7213481
CIE <sub>Lab</sub>	30.83, 60.88, -60.16
CIE <sub>LCh</sub>	31, 85.595, 315.340
Yxy	6.5805, 0.2360, 0.1126
Android (android.graphics.Color)	4285403561 (0xFF6E11A9)
YUV	62.1350, 52.6844, 41.9776
Hunter-Lab	25.6524, 51.0806, -70.0554

# Details

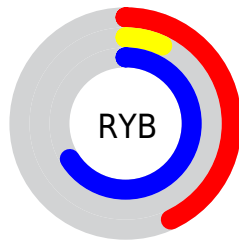
The YUV color **62.1350, 52.6844, 41.9776** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **123.8650, -52.6844, -41.9776**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3690, 51.0901, 40.0184**, and **28.7720, 43.0034, 20.3710** is the 20% darker color. If you saturate the color by 10%, you get **50.0630, 58.6359, 46.4257**, and if you desaturate by 10%, it is **74.2070, 46.7329, 37.5295**.

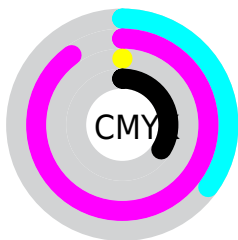
# Distribution



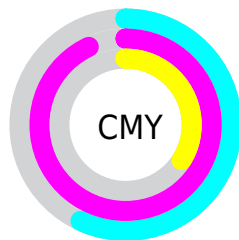
- Red (43%)
- Green (7%)
- Blue (66%)



- Red (43%)
- Yellow (7%)
- Blue (66%)



- Cyan (35%)
- Magenta (90%)
- Yellow (0%)
- Black (34%)



- Cyan (57%)
- Magenta (93%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.1350, 52.6844, 41.9776 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 62.1350, 52.6844, 41.9776 by changing the saturation by 10% instead.



62.1350, 52.6844,  
41.9776

62.1350, 52.6844,  
41.9776

255.0000, 0.0000,  
0.0000

40.7060, 49.9379,  
36.2148

121.3690, 51.0901,  
40.0184

28.7720, 43.0034,  
20.3710

149.1950, 51.6689,  
41.0480

17.4360, 35.7741,  
5.7566

174.1280, 39.8699,  
45.4917

7.5240, 28.8287,  
-6.5985

199.2350, 27.4921,  
48.9059

6.5490, 17.4773,  
-5.7435

215.6710, 19.3892,  
34.4915

2.9810, 8.8834,  
-2.6143

232.6940, 10.9969,

0.0000, 0.0000,

19.5624

0.0000

249.7170, 2.6045,  
4.6332

62.1350, 52.6844,  
41.9776

62.1350, 52.6844,  
41.9776

50.0630, 58.6359,  
46.4257

74.2070, 46.7329,  
37.5295

85.9800, 40.9289,  
32.4665

98.0520, 34.9774,  
28.0184

109.8250, 29.1733,  
22.9555

121.8970, 23.2218,  
18.5073

■ 133.0830, 17.7071,  
13.9592

■ 145.1550, 11.7556,  
9.5111

■ 156.9280, 5.9515,  
4.4481

■ 169.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



65.7480, 69.1442, -57.6610



62.1350, 52.6844, 41.9776



62.8430, 22.2624, 93.0997

# Triad

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



62.1350, 52.6844, 41.9776



68.1430, -33.5945, 41.9706



68.5500, 18.9559, -60.1183

# Complementary

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



62.1350, 52.6844, 41.9776



123.8650, -52.6844, -41.9776

# 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.



59.1680, -11.9148, -51.8903



62.1350, 52.6844, 41.9776



64.0030, -31.5535, -6.1416

# Square

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



62.1350, 52.6844, 41.9776



47.2420, -23.2903, 97.1348



52.8300, -26.0452, -46.3319



76.2050, 45.7479, -66.8318



# Rectangle

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



62.1350, 52.6844, 41.9776



61.1160, 1.4218, 104.2613



52.8300, -26.0452, -46.3319



65.3410, 9.1989, -57.3041

# Sweetspot

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



62.1350, 52.6844, 41.9776



177.4900, 20.4644, 16.2333



70.1350, 48.7404, -46.5994



85.2690, 12.1924, 9.4111



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



62.1350, 52.6844, 41.9776



65.0320, 75.9062, 60.4849



78.0660, 37.4355, 79.7491



78.4070, 2.7573, 2.2741



43.7820, 51.3795, 40.5332



5.8680, 6.9671, 5.3778



# Inverse Universe

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



69.1740, 3.3652, 87.5474



75.1710, 4.8457, 126.1380



107.9340, -37.4355, -79.7491



78.7340, 0.1311, 4.6183



50.7500, 3.0813, 85.2883

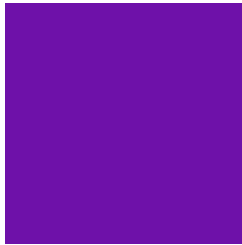


6.8920, 0.5462, 11.4957



# Previews

## White Background



This preview shows how the YUV color 62.1350, 52.6844, 41.9776 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

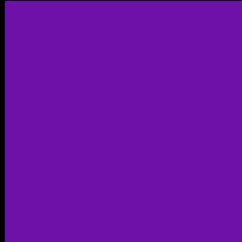
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 62.1350, 52.6844, 41.9776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

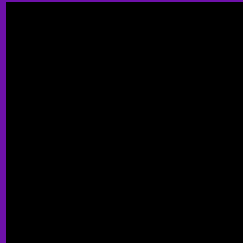
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.1350, 52.6844, 41.9776

## Background



This preview shows how black text looks on a background with the YUV color 62.1350, 52.6844, 41.9776.



This preview shows how white text looks on a background with the YUV color 62.1350, 52.6844,



# 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

62.1350, 52.6844, 41.9776

### Protanopia

59.4780, 45.1203, -52.1622

### Deuteranopia

59.4320, 34.7900, -52.1219



## Tritanopia

75.0450, -1.5012, 14.8695

# Trichromacy



## Original Color

62.1350, 52.6844, 41.9776



## Protanomaly

60.4960, 48.0695, -17.9750



## Deuteranomaly

60.6610, 41.0861, -18.1197



## Tritanomaly

70.5620, 17.9639, 24.9401

# Monochromacy



## Original Color

62.1350, 52.6844, 41.9776



## Achromatopsia

62.0000, 0.0000, 0.0000



## Achromatomaly

62.1370, 19.1595, 14.7889

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.1350, 52.6844, 41.9776 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(110, 17, 169)` looks like.

```
.text, #text, p{  
    color:rgb(110, 17, 169)  
}
```

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(110, 17, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 17, 169) }
```

## Border

The CSS property to change the border of an element to YUV 62.1350, 52.6844, 41.9776 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(110, 17, 169) }
```



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

```
.border{ border-color:rgb(110, 17, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 17, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 17, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 17, 169);  
box-shadow:4px 4px 4px 4px rgb(110, 17,  
169) }
```

# Background

The CSS property to change the background color of an element to YUV 62.1350, 52.6844, 41.9776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 17, 169) }
```

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

```
.background{ background-color: rgb(110, 17,  
169) }
```

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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