

Converting Colors

YUV(87.0760, 41.8675, 11.3343)

Have a look what the booklet for
YUV(87.0760, 41.8675, 11.3343)
contains.

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Color

**YUV(87.0760, 41.8675,
11.3343)**

Conversions

Conversions Part 1

Format	Color
Hex	6440AC
RGB	100, 64, 172
RGB Percent	39%, 25%, 67%
CMY	0.6078, 0.7490, 0.3255
CMYK	0.42, 0.63, 0.00, 0.33
HSL	260°, 46%, 46%
HSV	260°, 63%, 67%
XYZ	14.5353, 9.3547, 40.0693
YIQ	87.0760, -13.2120, 41.2200

Conversions

Conversions Part 2

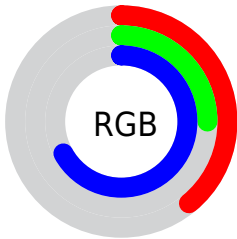
Format	Color
R_{YB}	100, 64, 172
Decimal	6570156
CIE _{Lab}	36.66, 40.41, -52.53
CIE _{LCh}	37, 66.274, 307.566
Yxy	9.3547, 0.2273, 0.1463
Android (android.graphics.Color)	4284760236 (0xFF6440AC)
YUV	87.0760, 41.8675, 11.3343
Hunter-Lab	30.5854, 31.3053, -56.2647

Details

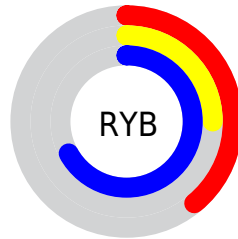
The YUV color **87.0760, 41.8675, 11.3343** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **148.9240, -41.8675, -11.3343**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2550, 43.7513, 13.8084**, and **36.1140, 40.8628, 6.9160** is the 20% darker color. If you saturate the color by 10%, you get **73.8080, 48.4087, 13.3234**, and if you desaturate by 10%, it is **100.3440, 35.3264, 9.3453**.

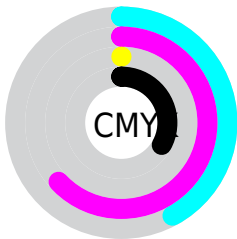
Distribution



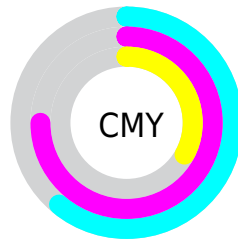
- Red (39%)
- Green (25%)
- Blue (67%)



- Red (39%)
- Yellow (25%)
- Blue (67%)



- Cyan (42%)
- Magenta (63%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0760, 41.8675, 11.3343 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 87.0760, 41.8675, 11.3343 by changing the saturation by 10% instead.

■ 87.0760, 41.8675,
11.3343

■ 87.0760, 41.8675,
11.3343

■ 255.0000, 0.0000,
0.0000

■ 61.5380, 41.1468,
9.1752

■ 139.2550, 43.7513,
13.8084

■ 36.1140, 40.8628,
6.9160

■ 166.2660, 43.7459,
15.5527

■ 12.0970, 39.8852,
-6.2241

■ 190.1990, 31.9469,
19.9965

■ 7.8660, 30.1391,
-6.8985

■ 215.3060, 19.5691,
23.4106

■ 7.0050, 19.2245,
-6.1434

■ 235.6290, 9.5499,
16.9884

■ 3.3230, 10.1938,
-2.9143

■ 252.6520, 1.1576,

■ 0.0000, 0.0000,

2.0592

0.0000

■ 87.0760, 41.8675,
11.3343

■ 87.0760, 41.8675,
11.3343

■ 73.8080, 48.4087,
13.3234

■ 100.3440, 35.3264,
9.3453

■ 60.2410, 55.0972,
14.6976

■ 113.9110, 28.6379,
7.9711

■ 46.3860, 61.9277,
17.2015

■ 127.7660, 21.8074,
5.4672

■ 36.6510, 66.7271,
17.8461

■ 141.3330, 15.1188,
4.0930

■ 154.6010, 8.5777,
2.1039

■ 168.1680, 1.8892,
0.7297

■ 181.4360, -4.6519,
-1.2594

■ 195.5900,
-11.6299, -3.1484

■ 208.8580,
-18.1710, -5.1375

Harmonies

Analogous

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



74.3590, 58.9830, -65.2128



87.0760, 41.8675, 11.3343



74.7480, 26.2532, 73.0120

Triad

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



87.0760, 41.8675, 11.3343



80.8790, -39.8733, 49.2181



74.6820, 11.9888, -65.4961

Complementary

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



87.0760, 41.8675, 11.3343



148.9240, -41.8675, -11.3343

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.



67.0100, -12.3299, -58.7678



87.0760, 41.8675, 11.3343



80.3490, -39.6121, 11.9719

Square

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



87.0760, 41.8675, 11.3343



71.9260, -24.1205, 83.3799



67.3710, -33.2139, -33.6514



80.6100, 34.7023, -70.6950

Rectangle

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



87.0760, 41.8675, 11.3343



62.6280, 14.9734, 97.6732



67.3710, -33.2139, -33.6514



72.5160, 3.6896, -63.5965

Sweetspot

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



87.0760, 41.8675, 11.3343



190.9740, 16.2818, 4.4078



118.5760, 26.3380, -47.8632



91.6550, 10.0301, 2.9336



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



87.0760, 41.8675, 11.3343



91.8960, 65.1273, 17.6312



103.2220, 33.9076, 44.5323



79.9230, 3.4890, 0.9445



32.0500, 58.1493, 15.7422



5.0140, 8.8671, 2.6187

Inverse Universe

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



104.5000, 15.5295, 59.1975



119.0000, 24.1570, 92.0850



132.7780, -33.9076, -44.5323



81.3750, 1.2941, 4.9331



56.2500, 21.5688, 82.2188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 87.0760, 41.8675, 11.3343 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 87.0760, 41.8675, 11.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

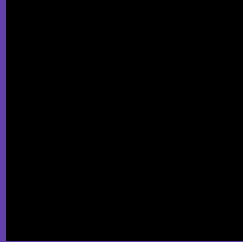
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0760, 41.8675, 11.3343

Background



This preview shows how black text looks on a background with the YUV color 87.0760, 41.8675, 11.3343.



This preview shows how white text looks on a background with the YUV color 87.0760, 41.8675,

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

87.0760, 41.8675, 11.3343

Protanopia

68.8990, 53.2938, -60.4244

Deuteranopia

69.2120, 41.8005, -60.6989



Tritanopia

86.3030, 3.7946, -3.7737

Trichromacy



Original Color

87.0760, 41.8675, 11.3343

Protanomaly

75.3260, 49.1393, -34.4889

Deuteranomaly

75.4910, 42.1559, -34.6336

Tritanomaly

86.8920, 17.3082, 1.8487

Monochromacy



Original Color

87.0760, 41.8675, 11.3343

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3330, 15.1188, 4.0930

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0760, 41.8675, 11.3343 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(100, 64, 172)` looks like.

```
.text, #text, p{  
    color:rgb(100, 64, 172)  
}
```

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(100, 64, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 64, 172) }
```

Border

The CSS property to change the border of an element to YUV 87.0760, 41.8675, 11.3343 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(100, 64, 172) }
```


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

```
.border{ border-color:rgb(100, 64, 172) }
```

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

Here you see how a box with a 4 pixel rgb(100, 64, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 64, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 64, 172);  
box-shadow:4px 4px 4px 4px rgb(100, 64,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 87.0760, 41.8675, 11.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 64, 172) }
```

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

```
.background{ background-color: rgb(100, 64,  
172) }
```

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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