

Converting Colors

YUV(87.4530, 23.4407, 41.6987)

Have a look what the booklet for
YUV(87.4530, 23.4407, 41.6987)
contains.

YUV(87.4530, 23.4407, 41.6987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.4530, 23.4407,
41.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	873687
RGB	135, 54, 135
RGB Percent	53%, 21%, 53%
CMY	0.4706, 0.7882, 0.4706
CMYK	0.00, 0.60, 0.00, 0.47
HSL	300°, 43%, 37%
HSV	300°, 60%, 53%
XYZ	15.6840, 9.5385, 23.9361
YIQ	87.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

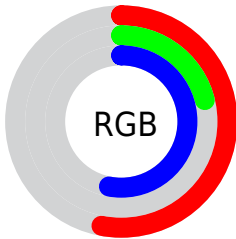
Format	Color
R_{YB}	135, 54, 135
Decimal	8861319
CIE _{Lab}	37.00, 45.79, -29.32
CIE _{LCh}	37, 54.379, 327.367
Yxy	9.5385, 0.3190, 0.1940
Android (android.graphics.Color)	4287051399 (0xFF873687)
YUV	87.4530, 23.4407, 41.6987
Hunter-Lab	30.8845, 36.5996, -24.3319

Details

The YUV color **87.4530, 23.4407, 41.6987** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.5470, -23.4407, -41.6987**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5780, 23.8720, 43.3431**, and **34.2080, 25.0405, 41.9136** is the 20% darker color. If you saturate the color by 10%, you get **79.8220, 27.2028, 48.3911**, and if you desaturate by 10%, it is **95.6710, 19.3892, 34.4915**.

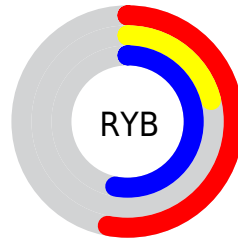
Distribution



Red (53%)

Green (21%)

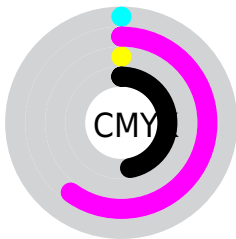
Blue (53%)



Red (53%)

Yellow (21%)

Blue (53%)

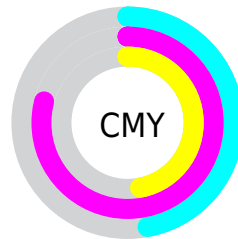


Cyan (0%)

Magenta (60%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4530, 23.4407, 41.6987 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 87.4530, 23.4407, 41.6987 by changing the saturation by 10% instead.

87.4530, 23.4407,
41.6987

87.4530, 23.4407,
41.6987

255.0000, 0.0000,
0.0000

60.5670, 23.8775,
41.5987

140.5780, 23.8720,
43.3431

34.2080, 25.0405,
41.9136

167.7030, 24.3034,
44.9875

23.9970, 18.2425,
28.9436

195.4150, 24.4454,
46.1170

14.9110, 11.8759,
17.6181

215.0840, 19.6786,
35.0063

2.4110, 6.6994,
-2.1144

231.5200, 11.5756,
20.5920

0.0000, 0.0000,
0.0000

248.5430, 3.1833,

5.6628

■ 87.4530, 23.4407,
41.6987

■ 87.4530, 23.4407,
41.6987

■ 79.8220, 27.2028,
48.3911

■ 95.6710, 19.3892,
34.4915

■ 71.6040, 31.2542,
55.5983

■ 103.3020, 15.6271,
27.7991

■ 63.3860, 35.3057,
62.8055

■ 110.9330, 11.8650,
21.1068

■ 55.7550, 39.0678,
69.4979

■ 119.1510, 7.8136,
13.8996

■ 127.3690, 3.7621,
6.6924

■ 135.0000, 0.0000,
0.0000

■ 143.2180, -4.0515,
-7.2072

■ 150.8490, -7.8136,
-13.8996

■ 159.0670,
-11.8650, -21.1068

Harmonies

Analogous

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



86.5480, 39.1698, -10.1276



87.4530, 23.4407, 41.6987



79.2860, 6.7610, 71.6632

Triad

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



87.4530, 23.4407, 41.6987



81.8990, -40.3762, 23.7676



76.5860, 24.3611, -67.1659

Complementary

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



87.4530, 23.4407, 41.6987



101.5470, -23.4407, -41.6987

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.



71.5700, 5.1420, -62.7669



87.4530, 23.4407, 41.6987



76.3850, -37.6578, -8.2306

Square

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



87.4530, 23.4407, 41.6987



81.1830, -37.5582, 53.3365



64.5650, -14.0825, -56.6235



78.8150, 40.5172, -69.1208

Rectangle

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



87.4530, 23.4407, 41.6987



78.3390, -7.0691, 74.2477



64.5650, -14.0825, -56.6235



74.9900, 18.2459, -65.7662

Sweetspot

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



87.4530, 23.4407, 41.6987



157.2160, 9.2605, 16.4736



63.2340, 35.3806, -8.0982



77.8470, 5.4984, 9.7812



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



87.4530, 23.4407, 41.6987



101.4510, 36.7527, 65.3795



82.7790, 5.5320, 45.7978



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Inverse Universe

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



87.4530, 23.4407, 41.6987



101.4510, 36.7527, 65.3795



106.1070, -5.9688, -45.6978



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 87.4530, 23.4407, 41.6987 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 87.4530, 23.4407, 41.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

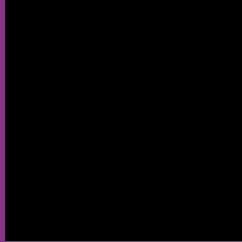
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4530, 23.4407, 41.6987

Background



This preview shows how black text looks on a background with the YUV color 87.4530, 23.4407, 41.6987.



This preview shows how white text looks on a background with the YUV color 87.4530, 23.4407,

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

87.4530, 23.4407, 41.6987

Protanopia

82.5300, 39.6717, -31.1598

Deuteranopia

86.7050, 20.8514, -14.6503



Tritanopia

88.6130, -6.2182, 34.5424

Trichromacy



Original Color

87.4530, 23.4407, 41.6987

Protanomaly

84.5010, 33.7700, -4.8244

Deuteranomaly

87.0650, 21.6600, 6.0820

Tritanomaly

88.3820, 4.2487, 37.3760

Monochromacy



Original Color

87.4530, 23.4407, 41.6987

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4530, 23.4407, 41.6987 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(135, 54, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 54, 135)  
}
```

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(135, 54, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 54, 135) }
```

Border

The CSS property to change the border of an element to YUV 87.4530, 23.4407, 41.6987 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(135, 54, 135) }
```


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

```
.border{ border-color:rgb(135, 54, 135) }
```

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

Here you see how a box with a 4 pixel rgb(135, 54, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 54, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 54, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 54,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 87.4530, 23.4407, 41.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 54, 135) }
```

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

```
.background{ background-color: rgb(135, 54,  
135) }
```

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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