

Converting Colors

YUV(87.7240, 25.7721, 40.5841)

Have a look what the booklet for
YUV(87.7240, 25.7721, 40.5841)
contains.

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Color

**YUV(87.7240, 25.7721,
40.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	86368C
RGB	134, 54, 140
RGB Percent	53%, 21%, 55%
CMY	0.4745, 0.7882, 0.4510
CMYK	0.04, 0.61, 0.00, 0.45
HSL	296°, 44%, 38%
HSV	296°, 61%, 55%
XYZ	15.8843, 9.6001, 25.8268
YIQ	87.7240, 20.0740, 43.7060

Conversions

Conversions Part 2

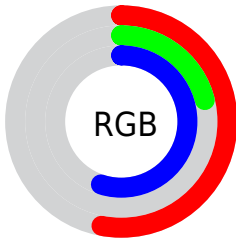
Format	Color
RYB	134, 54, 140
Decimal	8795788
CIELab	37.11, 46.47, -32.23
CIELCh	37, 56.548, 325.257
Yxy	9.6001, 0.3096, 0.1871
Android (android.graphics.Color)	4286985868 (0xFF86368C)
YUV	87.7240, 25.7721, 40.5841
Hunter-Lab	30.9841, 37.2878, -27.7323

Details

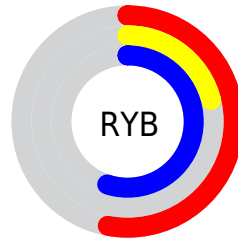
The YUV color **87.7240, 25.7721, 40.5841** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **106.2760, -25.7721, -40.5841**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8490, 26.2034, 42.2284**, and **34.3650, 26.9351, 40.8989** is the 20% darker color. If you saturate the color by 10%, you get **79.2070, 29.9709, 47.1765**, and if you desaturate by 10%, it is **96.2410, 21.5732, 33.9916**.

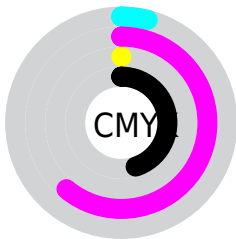
Distribution



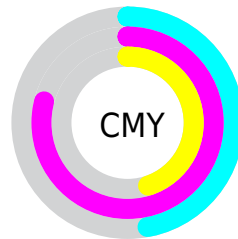
- Red (53%)
- Green (21%)
- Blue (55%)



- Red (53%)
- Yellow (21%)
- Blue (55%)



- Cyan (4%)
- Magenta (61%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (79%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7240, 25.7721, 40.5841 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 87.7240, 25.7721, 40.5841 by changing the saturation by 10% instead.

87.7240, 25.7721,
40.5841

87.7240, 25.7721,
40.5841

255.0000, 0.0000,
0.0000

60.8380, 26.2089,
40.4841

140.8490, 26.2034,
42.2284

34.3650, 26.9351,
40.8989

167.9740, 26.6348,
43.8728

24.1540, 20.1371,
27.9289

195.8000, 27.2136,
44.9024

15.0680, 13.7705,
16.6034

215.0840, 19.6786,
35.0063

2.9810, 8.8834,
-2.6143

232.1070, 11.2862,
20.0772

0.0000, 0.0000,
0.0000

248.5430, 3.1833,

5.6628

■ 87.7240, 25.7721,
40.5841

■ 87.7240, 25.7721,
40.5841

■ 79.2070, 29.9709,
47.1765

■ 96.2410, 21.5732,
33.9916

■ 70.6900, 34.1698,
53.7689

■ 104.7580, 17.3743,
27.3992

■ 62.1730, 38.3687,
60.3613

■ 113.2750, 13.1754,
20.8068

■ 54.8300, 41.9888,
65.9241

■ 121.7920, 8.9765,
14.2144

■ 130.3090, 4.7777,
7.6220

■ 138.8260, 0.5788,
1.0296

■ 147.3430, -3.6201,
-5.5628

■ 155.8600, -7.8190,
-12.1552

■ 164.3770,
-12.0179, -18.7476

Harmonies

Analogous

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



85.0140, 42.3911, -16.6753



87.7240, 25.7721, 40.5841



77.9920, 9.3709, 74.5520

Triad

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



87.7240, 25.7721, 40.5841



82.5080, -40.6764, 26.7415



77.0590, 23.6349, -67.5807

Complementary

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



87.7240, 25.7721, 40.5841



106.2760, -25.7721, -40.5841

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.



71.7010, 3.1054, -62.8818



87.7240, 25.7721, 40.5841



76.9830, -37.9526, -7.0011

Square

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



87.7240, 25.7721, 40.5841



80.7920, -37.8585, 56.3104



63.8810, -16.7033, -56.0236



79.5160, 40.6646, -69.7355

Rectangle

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



87.7240, 25.7721, 40.5841



75.9420, -4.9014, 78.9809



63.8810, -16.7033, -56.0236



75.3490, 17.0829, -66.0811

Sweetspot

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



87.7240, 25.7721, 40.5841



161.0310, 9.8447, 15.7588



67.9130, 35.5389, -12.2017



79.6620, 6.0826, 9.0664



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



87.7240, 25.7721, 40.5841



99.6510, 40.1051, 63.4501



85.4140, 9.1629, 47.8719



64.5920, 2.1731, 2.9888



51.9390, 39.9631, 62.3205



2.0650, 1.4470, 2.5740

Inverse Universe

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



80.3980, -10.0562, 52.2710



88.0920, -15.8214, 81.4803



108.5860, -9.1629, -47.8719



64.0930, -1.0318, 4.3034



40.7930, -15.6739, 80.8655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 87.7240, 25.7721, 40.5841 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

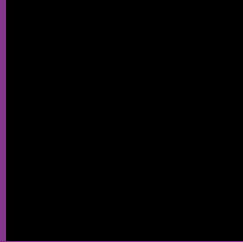
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7240, 25.7721, 40.5841

Background



This preview shows how black text looks on a background with the YUV color 87.7240, 25.7721, 40.5841.



This preview shows how white text looks on a background with the YUV color 87.7240, 25.7721,

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

87.7240, 25.7721, 40.5841

Protanopia

81.1210, 43.3243, -36.0631

Deuteranopia

86.6660, 23.3357, -18.1241



Tritanopia

88.7160, -5.7760, 32.6981

Trichromacy



Original Color

87.7240, 25.7721, 40.5841

Protanomaly

83.5760, 36.6910, -8.3982

Deuteranomaly

87.3250, 23.9968, 3.2230

Tritanomaly

88.1260, 5.8539, 35.8465

Monochromacy



Original Color

87.7240, 25.7721, 40.5841

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2050, 9.2659, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7240, 25.7721, 40.5841 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(134, 54, 140)` looks like.

```
.text, #text, p{  
    color:rgb(134, 54, 140)  
}
```

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(134, 54, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 54, 140) }
```

Border

The CSS property to change the border of an element to YUV 87.7240, 25.7721, 40.5841 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(134, 54, 140) }
```


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

```
.border{ border-color:rgb(134, 54, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 54, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 54, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 54, 140);  
box-shadow:4px 4px 4px 4px rgb(134, 54,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 87.7240, 25.7721, 40.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 54, 140) }
```

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

```
.background{ background-color: rgb(134, 54,  
140) }
```

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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