

Converting Colors

YUV(53.0040, 24.6480, 74.5415)

Have a look what the booklet for
YUV(53.0040, 24.6480, 74.5415)
contains.

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Color

**YUV(53.0040, 24.6480,
74.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0067
RGB	138, 0, 103
RGB Percent	54%, 0%, 40%
CMY	0.4588, 1.0000, 0.5961
CMYK	0.00, 1.00, 0.25, 0.46
HSL	315°, 100%, 27%
HSV	315°, 100%, 54%
XYZ	12.9294, 6.3825, 13.3825
YIQ	53.0040, 49.1850, 61.2890

Conversions

Conversions Part 2

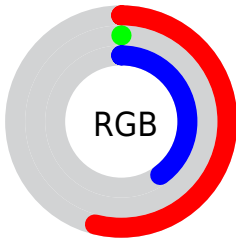
Format	Color
R_{YB}	138, 0, 103
Decimal	9044071
CIE _{Lab}	30.36, 57.33, -19.51
CIE _{LCh}	30, 60.559, 341.205
Yxy	6.3825, 0.3955, 0.1952
Android (android.graphics.Color)	4287234151 (0xFF8A0067)
YUV	53.0040, 24.6480, 74.5415
Hunter-Lab	25.2637, 47.1409, -13.7220

Details

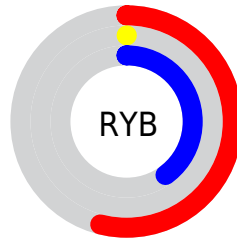
The YUV color **53.0040, 24.6480, 74.5415** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **84.9960, -24.6480, -74.5415**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7120, 17.3970, 66.9046**, and **31.2010, 12.2259, 45.4277** is the 20% darker color. If you saturate the color by 10%, you get **53.0040, 24.6480, 74.5415**, and if you desaturate by 10%, it is **61.6780, 22.3437, 66.9344**.

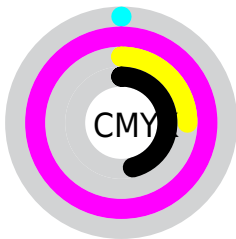
Distribution



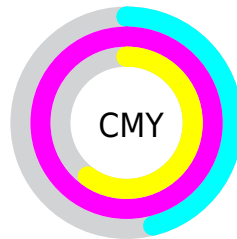
- Red (54%)
- Green (0%)
- Blue (40%)



- Red (54%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0040, 24.6480, 74.5415 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 53.0040, 24.6480, 74.5415 by changing the saturation by 10% instead.

53.0040, 24.6480,
74.5415

53.0040, 24.6480,
74.5415

255.0000, 0.0000,
0.0000

41.8960, 18.2923,
59.7272

118.7120, 17.3970,
66.9046

31.2010, 12.2259,
45.4277

147.1960, 16.6654,
68.2341

21.6310, 6.5909,
32.7726

174.9080, 16.8074,
69.3637

9.2840, -0.6330,
16.4139


194.8350, 20.7873,
52.7647


0.0000, 0.0000,
0.0000


213.3230, 20.5468,
36.5507


230.3460, 12.1544,


21.6216


 247.9560, 3.4727,
6.1776


 53.0040, 24.6480,
74.5415

 61.6780, 22.3437,
66.9344

 70.2380, 19.6027,
59.4273

 78.3250, 17.5878,
52.3350

 86.8850, 14.8467,
44.8279

 95.5590, 12.5424,
37.2208

■ 104.1190, 9.8013,
29.7136

■ 112.7930, 7.4971,
22.1065

■ 120.7660, 5.0454,
15.1142

■ 129.4400, 2.7411,
7.5071

Harmonies

Analogous

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



72.1000, 35.4467, 17.4523



53.0040, 24.6480, 74.5415



51.5330, 2.2022, 87.2326

Triad

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



53.0040, 24.6480, 74.5415



65.8520, -32.4650, 6.2688



67.9920, 32.0489, -59.6290

Complementary

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



53.0040, 24.6480, 74.5415



84.9960, -24.6480, -74.5415

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.



63.5630, 12.5404, -55.7448



53.0040, 24.6480, 74.5415



50.1940, -24.7456, -43.1431

Square

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



53.0040, 24.6480, 74.5415



67.5340, -33.2943, 38.9967



56.6890, -8.7207, -49.7163



68.3630, 46.1630, -59.9544

Rectangle

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



53.0040, 24.6480, 74.5415



52.4880, -13.0586, 82.0100



56.6890, -8.7207, -49.7163



67.0970, 26.0812, -58.8441

Sweetspot

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



53.0040, 24.6480, 74.5415



145.7060, 9.5119, 29.1988



26.1970, 55.1189, 7.7202



69.3040, 5.7661, 17.2734



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.



53.0040, 24.6480, 74.5415



68.6830, 31.7083, 96.7480



45.2520, -5.0542, 81.3400



64.6630, 1.1521, 3.8035



51.0530, 23.6379, 71.8675



1.9510, 1.0102, 2.6740

Inverse Universe

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



53.0040, 24.6480, 74.5415



68.6830, 31.7083, 96.7480



92.8620, 5.4910, -81.4400



64.6630, 1.1521, 3.8035



51.0530, 23.6379, 71.8675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 53.0040, 24.6480, 74.5415 looks on a white background.

Color Contrast Check

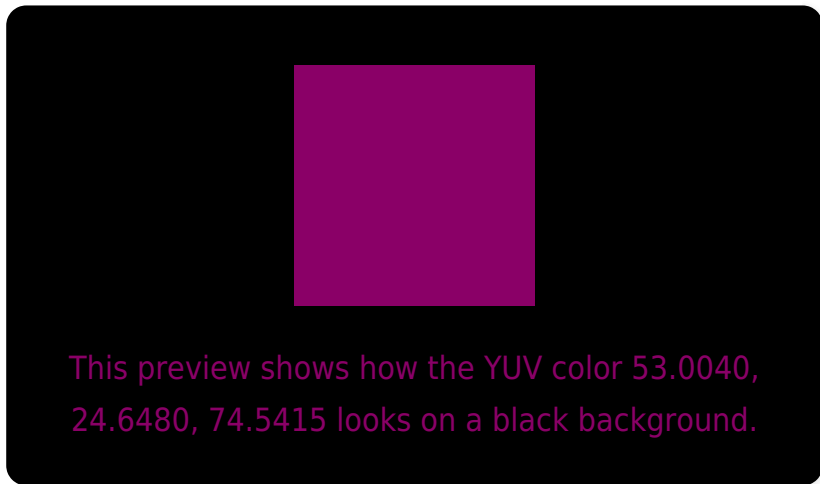
Large Text (above 18pt) WCAG AA ✓ Pass

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

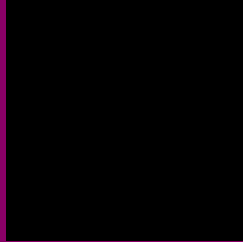
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0040, 24.6480, 74.5415

Background



This preview shows how black text looks on a background with the YUV color 53.0040, 24.6480, 74.5415.



This preview shows how white text looks on a background with the YUV color 53.0040, 24.6480,

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



Protanopia

67.5790, 38.6616, -33.8338

Deuteranopia

75.0240, 10.3412, -3.5290

Tritanopia

68.7360, -12.6878, 56.3595

Trichromacy



Protanomaly

62.4530, 33.3007, 5.7417

Deuteranomaly

66.6930, 15.9274, 24.8252

Tritanomaly

63.0370, 0.9678, 63.1116

Monochromacy



Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1680, 8.7912, 27.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0040, 24.6480, 74.5415 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(138, 0, 103)` looks like.

```
.text, #text, p{  
  color:rgb(138, 0, 103)  
}
```

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(138, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 103) }
```

Border

The CSS property to change the border of an element to YUV 53.0040, 24.6480, 74.5415 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(138, 0, 103) }
```

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

```
.border{ border-color:rgb(138, 0, 103) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(138, 0,  
103) }
```


Background

The CSS property to change the background color of an element to YUV 53.0040, 24.6480, 74.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 103) }
```

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

```
.background{ background-color: rgb(138, 0,  
103) }
```

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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