

Converting Colors

YUV(52.7270, 4.5716, 73.9074)

Have a look what the booklet for
YUV(52.7270, 4.5716, 73.9074)
contains.

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Color

**YUV(52.7270, 4.5716,
73.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	89083E
RGB	137, 8, 62
RGB Percent	54%, 3%, 24%
CMY	0.4627, 0.9686, 0.7569
CMYK	0.00, 0.94, 0.55, 0.46
HSL	335°, 89%, 28%
HSV	335°, 94%, 54%
XYZ	11.2729, 5.8398, 5.0905
YIQ	52.7270, 59.5500, 44.1420

Conversions

Conversions Part 2

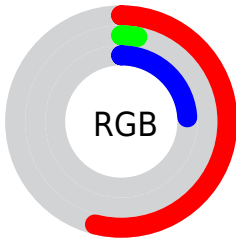
Format	Color
RYB	137, 8, 62
Decimal	8980542
CIELab	29.00, 51.67, 5.55
CIELCh	29, 51.971, 6.125
Yxy	5.8398, 0.5077, 0.2630
Android (android.graphics.Color)	4287170622 (0xFF89083E)
YUV	52.7270, 4.5716, 73.9074
Hunter-Lab	24.1657, 40.9768, 4.4267

Details

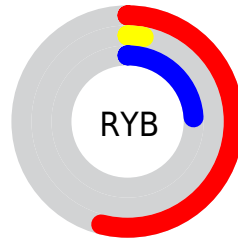
The YUV color **52.7270, 4.5716, 73.9074** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **92.2730, -4.5716, -73.9074**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1690, -2.5483, 70.8888**, and **26.2000, -3.0566, 47.1826** is the 20% darker color. If you saturate the color by 10%, you get **47.4610, 4.7027, 78.5257**, and if you desaturate by 10%, it is **61.8570, 4.0145, 65.9004**.

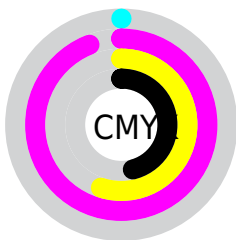
Distribution



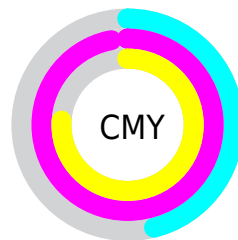
- Red (54%)
- Green (3%)
- Blue (24%)



- Red (54%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (94%)
- Yellow (55%)
- Black (46%)



- Cyan (46%)
- Magenta (97%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.7270, 4.5716, 73.9074 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 52.7270, 4.5716, 73.9074 by changing the saturation by 10% instead.

■ 52.7270, 4.5716,
73.9074

■ 52.7270, 4.5716,
73.9074

255.0000, 0.0000,
0.0000

■ 36.8520, 1.5520,
62.3968

■ 114.1690, -2.5483,
70.8888

■ 26.2000, -3.0566,
47.1826

■ 141.8380, -3.8641,
72.9331

■ 16.6730, -7.2338,
33.6128

■ 169.7350, -4.3064,
74.7774

■ 3.2890, -1.6215,
6.7625


■ 189.1350, -1.0526,
57.7636

■ 0.0000, 0.0000,
0.0000

■ 208.7630, 3.0748,
40.5498


■ 228.5050, 7.6390,

23.2361

 246.7820, 4.0515,
7.2072

 52.7270, 4.5716,
73.9074


 52.7270, 4.5716,
73.9074


 47.4610, 4.7027,
78.5257

 61.8570, 4.0145,
65.9004

 70.4000, 3.7468,
58.4082

 79.5300, 3.1897,
50.4012

 88.6600, 2.6326,
42.3942

 97.7900, 2.0755,
34.3872

■ 106.3330, 1.8078,
26.8950

■ 115.4630, 1.2507,
18.8879

■ 124.5930, 0.6937,
10.8809

■ 133.1360, 0.4260,
3.3887

Harmonies

Analogous

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



63.6560, 18.9036, 50.2907



52.7270, 4.5716, 73.9074



59.4010, -17.9457, 62.7923

Triad

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



52.7270, 4.5716, 73.9074



56.2400, -27.7263, -20.3815



63.7350, 38.5846, -55.8956

Complementary

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



52.7270, 4.5716, 73.9074



92.2730, -4.5716, -73.9074

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.



63.0050, 25.6335, -55.2554



52.7270, 4.5716, 73.9074



52.4830, -9.6051, -46.0276

Square

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



52.7270, 4.5716, 73.9074



63.5260, -31.3183, 11.8167



58.5590, 8.5984, -51.3562



58.6630, 44.5361, -51.4475

Rectangle

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



52.7270, 4.5716, 73.9074



62.8710, -30.9954, 48.3481



58.5590, 8.5984, -51.3562



64.1110, 34.9483, -56.2253

Sweetspot

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



52.7270, 4.5716, 73.9074



146.2300, 1.3656, 28.7393



44.5330, 45.5862, 31.9816



69.4520, 1.2562, 17.1436



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.



52.7270, 4.5716, 73.9074



62.0710, 6.3740, 102.5467



51.8540, -21.6200, 74.6730



64.4350, 0.2785, 4.0035



46.1510, 4.8556, 76.1666



1.7230, 0.1366, 2.8739

Inverse Universe

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



52.7270, 4.5716, 73.9074



62.0710, 6.3740, 102.5467



93.1460, 21.6200, -74.6730



64.4350, 0.2785, 4.0035



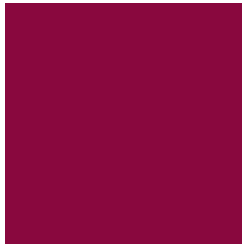
46.1510, 4.8556, 76.1666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 52.7270, 4.5716, 73.9074 looks on a white background.

Color Contrast Check

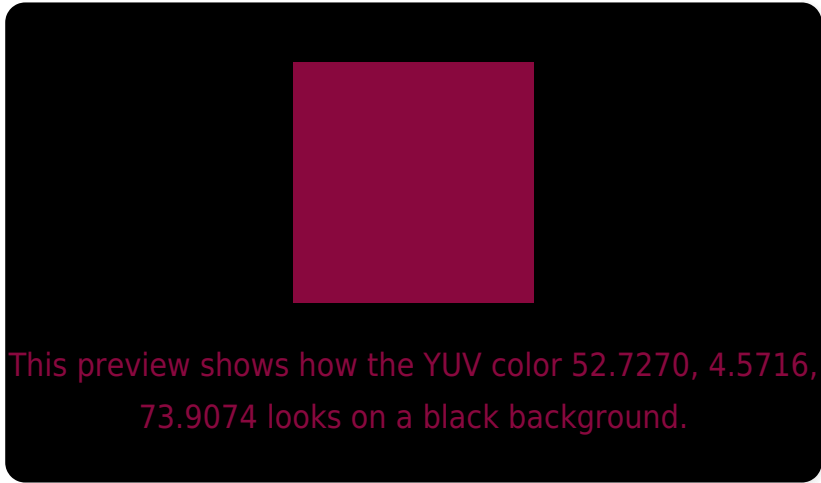
Large Text (above 18pt) WCAG AA ✓ Pass

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

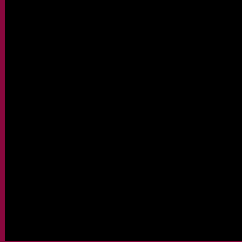
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.7270, 4.5716, 73.9074

Background



This preview shows how black text looks on a background with the YUV color 52.7270, 4.5716, 73.9074.



This preview shows how white text looks on a background with the YUV color 52.7270, 4.5716, 73.9074.

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

52.7270, 4.5716, 73.9074

Protanopia

71.0840, 9.3256, -4.4587

Deuteranopia

71.1170, -7.4527, 10.4214



Tritanopia

57.8900, -16.2148, 67.6255

Trichromacy



Original Color

52.7270, 4.5716, 73.9074

Protanomaly

64.2170, 7.7810, 24.3657

Deuteranomaly

64.4110, -3.1606, 33.8426

Tritanomaly

56.1490, -8.9475, 70.0293

Monochromacy



Original Color

52.7270, 4.5716, 73.9074

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2190, 1.3710, 26.9949

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.7270, 4.5716, 73.9074 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(137, 8, 62)` looks like.

```
.text, #text, p{  
    color:rgb(137, 8, 62)  
}
```

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(137, 8, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 8, 62) }
```

Border

The CSS property to change the border of an element to YUV 52.7270, 4.5716, 73.9074 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(137, 8, 62) }
```


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

```
.border{ border-color:rgb(137, 8, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 8, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 8, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 8, 62);  
box-shadow:4px 4px 4px 4px rgb(137, 8, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.7270, 4.5716, 73.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 8, 62) }
```

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

```
.background{ background-color: rgb(137, 8,  
62) }
```

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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