

Converting Colors

YUV(52.9890, 6.9074, 24.5656)

Have a look what the booklet for
YUV(52.9890, 6.9074, 24.5656)
contains.

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Color

**YUV(52.9890, 6.9074,
24.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	512443
RGB	81, 36, 67
RGB Percent	32%, 14%, 26%
CMY	0.6824, 0.8588, 0.7373
CMYK	0.00, 0.56, 0.17, 0.68
HSL	319°, 38%, 23%
HSV	319°, 56%, 32%
XYZ	5.0373, 3.4163, 5.7041
YIQ	52.9890, 16.8690, 19.1810

Conversions

Conversions Part 2

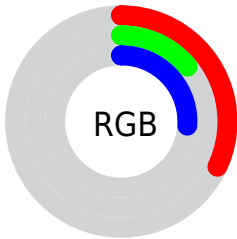
Format	Color
R_{YB}	81, 36, 67
Decimal	5317699
CIE Lab	21.64, 25.57, -9.94
CIE LCh	22, 27.436, 338.760
Yxy	3.4163, 0.3558, 0.2413
Android (android.graphics.Color)	4283507779 (0xFF512443)
YUV	52.9890, 6.9074, 24.5656
Hunter-Lab	18.4833, 16.3015, -5.3591

Details

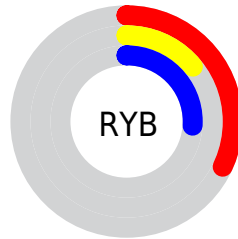
The YUV color **52.9890, 6.9074, 24.5656** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.0110, -6.9074, -24.5656**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2990, 6.7546, 26.9248**, and **13.9130, 5.4659, 20.2473** is the 20% darker color. If you saturate the color by 10%, you get **47.9510, 7.9122, 28.9840**, and if you desaturate by 10%, it is **58.0270, 5.9027, 20.1473**.

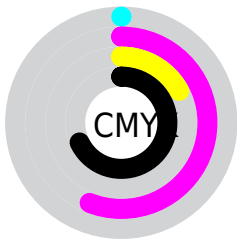
Distribution



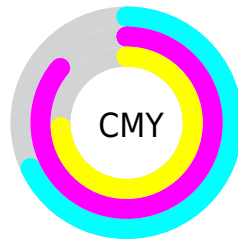
- Red (32%)
- Green (14%)
- Blue (26%)



- Red (32%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (68%)



- Cyan (68%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9890, 6.9074, 24.5656 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 52.9890, 6.9074, 24.5656 by changing the saturation by 10% instead.

■ 52.9890, 6.9074,
24.5656

■ 52.9890, 6.9074,
24.5656

■ 255.0000, 0.0000,
0.0000

■ 29.8040, 7.4916,
23.8509

■ 101.2990, 6.7546,
26.9248

■ 13.9130, 5.4659,
20.2473

■ 126.1250, 7.3334,
27.9544

■ 0.0000, 0.0000,
0.0000

■ 152.7230, 7.0386,
29.1839

■ 180.0220, 6.8912,
29.7987

■ 207.4350, 7.1805,
30.3135

■ 231.0640, 9.8284,

20.9919

247.9560, 3.4727,
6.1776

52.9890, 6.9074,
24.5656

52.9890, 6.9074,
24.5656

47.9510, 7.9122,
28.9840

58.0270, 5.9027,
20.1473

43.0270, 9.3537,
33.3023

62.9510, 4.4612,
15.8290

37.9890, 10.3584,
37.7206

67.9890, 3.4564,
11.4106

33.0650, 11.8000,
42.0390

72.9130, 2.0149,
7.0923

30.6030, 12.5207,
44.1982

78.5380, 0.7208,
2.1592

■ 83.4620, -0.7208,
-2.1592

■ 88.5000, -1.7255,
-6.5775

■ 93.4240, -3.1670,
-10.8958

■ 98.4620, -4.1718,
-15.3142

Harmonies

Analogous

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



53.6430, 14.9660, 6.4521



52.9890, 6.9074, 24.5656



51.3400, -2.1396, 33.0278

Triad

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



52.9890, 6.9074, 24.5656



48.9520, -20.6823, 7.0581



44.5850, 15.9806, -39.1010

Complementary

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



52.9890, 6.9074, 24.5656



64.0110, -6.9074, -24.5656

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.



42.8920, 6.9552, -37.6163



52.9890, 6.9074, 24.5656



46.5630, -14.0816, -10.1408

Square

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



52.9890, 6.9074, 24.5656



50.6100, -18.5417, 20.5130



39.9110, -1.9281, -35.0019



44.1920, 22.0903, -38.7564

Rectangle

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



52.9890, 6.9074, 24.5656



51.3200, -8.5388, 32.1684



39.9110, -1.9281, -35.0019



43.9010, 13.3598, -38.5012

Sweetspot

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



52.9890, 6.9074, 24.5656



93.7500, 2.5882, 9.8663



45.0170, 17.7396, 3.4931



47.0870, 1.4361, 6.0627



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



52.9890, 6.9074, 24.5656



61.4020, 10.6478, 38.2354



50.4810, -2.7021, 26.7652



38.5380, 0.7208, 2.1592



39.6030, 15.9717, 57.3532



87.6080, 35.6893, 126.6318

Inverse Universe

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



52.9890, 6.9074, 24.5656



61.4020, 10.6478, 38.2354



66.5190, 2.7021, -26.7652



38.5380, 0.7208, 2.1592



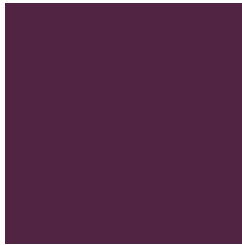
39.6030, 15.9717, 57.3532



87.6080, 35.6893, 126.6318

Previews

White Background



This preview shows how the YUV color 52.9890, 6.9074, 24.5656 looks on a white background.

Color Contrast Check

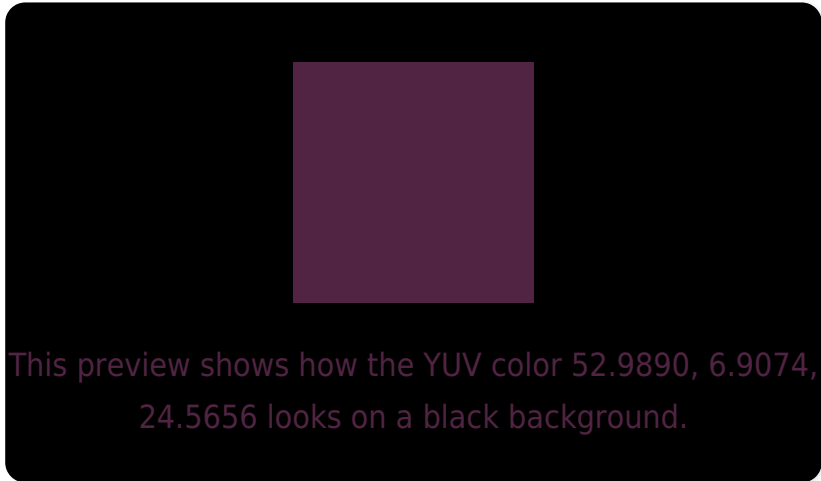
Large Text (above 18pt) WCAG AA ✓ Pass

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

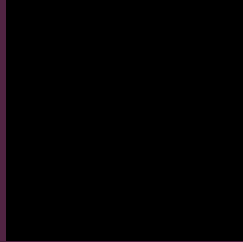
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9890, 6.9074, 24.5656

Background



This preview shows how black text looks on a background with the YUV color 52.9890, 6.9074, 24.5656.



This preview shows how white text looks on a background with the YUV color 52.9890, 6.9074,

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

52.9890, 6.9074, 24.5656

Protanopia

52.3870, 13.1202, -8.2324

Deuteranopia

53.3680, 5.2416, -1.1997



Tritanopia

52.7040, -4.2911, 23.0616

Trichromacy



Original Color

52.9890, 6.9074, 24.5656

Protanomaly

52.5950, 11.0457, 3.8632

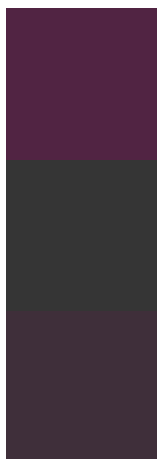
Deuteranomaly

53.2490, 5.7932, 8.5516

Tritanomaly

52.7410, -0.3653, 23.9061

Monochromacy



Original Color

52.9890, 6.9074, 24.5656

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0380, 2.4463, 8.7367

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9890, 6.9074, 24.5656 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(81, 36, 67)` looks like.

```
.text, #text, p{  
    color:rgb(81, 36, 67)  
}
```

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(81, 36, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 36, 67) }
```

Border

The CSS property to change the border of an element to YUV 52.9890, 6.9074, 24.5656 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(81, 36, 67) }
```


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

```
.border{ border-color:rgb(81, 36, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 36, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 36, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 36, 67);  
box-shadow:4px 4px 4px 4px rgb(81, 36, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.9890, 6.9074, 24.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 36, 67) }
```

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

```
.background{ background-color: rgb(81, 36,  
67) }
```

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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