

Converting Colors

YUV(52.8500, 28.1749, 63.2756)

Have a look what the booklet for
YUV(52.8500, 28.1749, 63.2756)
contains.

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Color

**YUV(52.8500, 28.1749,
63.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	7D056E
RGB	125, 5, 110
RGB Percent	49%, 2%, 43%
CMY	0.5098, 0.9804, 0.5686
CMYK	0.00, 0.96, 0.12, 0.51
HSL	308°, 92%, 25%
HSV	308°, 96%, 49%
XYZ	11.3262, 5.5943, 15.2347
YIQ	52.8500, 37.8150, 58.0950

Conversions

Conversions Part 2

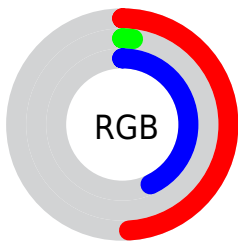
Format	Color
R_{YB}	125, 5, 110
Decimal	8193390
CIE _{Lab}	28.36, 54.82, -27.34
CIE _{LCh}	28, 61.258, 333.494
Yxy	5.5943, 0.3522, 0.1740
Android (android.graphics.Color)	4286383470 (0xFF7D056E)
YUV	52.8500, 28.1749, 63.2756
Hunter-Lab	23.6523, 44.0855, -21.6328

Details

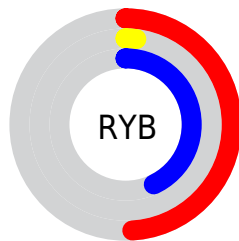
The YUV color **52.8500, 28.1749, 63.2756** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.1500, -28.1750, -63.2756**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8510, 23.2445, 58.0127**, and **28.2970, 16.6156, 37.4505** is the 20% darker color. If you saturate the color by 10%, you get **49.8010, 29.1851, 65.9495**, and if you desaturate by 10%, it is **60.1220, 25.5759, 56.8980**.

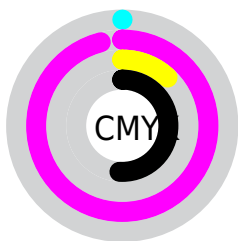
Distribution



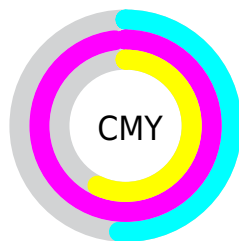
- Red (49%)
- Green (2%)
- Blue (43%)



- Red (49%)
- Yellow (2%)
- Blue (43%)



- Cyan (0%)
- Magenta (96%)
- Yellow (12%)
- Black (51%)



- Cyan (51%)
- Magenta (98%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.8500, 28.1749, 63.2756 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 52.8500, 28.1749, 63.2756 by changing the saturation by 10% instead.

52.8500, 28.1749,
63.2756

52.8500, 28.1749,
63.2756

255.0000, 0.0000,
0.0000

38.9920, 22.6819,
51.7500

114.8510, 23.2445,
58.0127

28.2970, 16.6156,
37.4505

142.4490, 22.9496,
59.2422

18.9120, 10.3964,
25.5102

170.7480, 22.8022,
59.8570

3.1340, 6.8359,
0.7595


194.6870, 25.2973,
52.8945


0.0000, 0.0000,
0.0000


212.1490, 21.1255,
37.5803


229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 52.8500, 28.1749,
63.2756


 52.8500, 28.1749,
63.2756


 49.8010, 29.1851,
65.9495

 60.1220, 25.5759,
56.8980

 67.8670, 22.2506,
50.1056

 75.1390, 19.6515,
43.7281

 82.8840, 16.3262,
36.9357

 90.1560, 13.7271,
30.5582

■ 97.9010, 10.4018,
23.7658

■ 105.1730, 7.8027,
17.3883

■ 112.9180, 4.4774,
10.5959

■ 120.1900, 1.8783,
4.2184

Harmonies

Analogous

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



66.4290, 39.7215, -0.3762



52.8500, 28.1749, 63.2756



50.6510, 6.5811, 82.7441

Triad

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



52.8500, 28.1749, 63.2756



62.6510, -30.8869, 13.4611



63.9340, 26.6545, -56.0701

Complementary

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



52.8500, 28.1749, 63.2756



77.1500, -28.1750, -63.2756

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.



57.9890, 6.4144, -50.8564



52.8500, 28.1749, 63.2756



53.5600, -26.4051, -24.1701

Square

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



52.8500, 28.1749, 63.2756



61.9740, -30.5532, 46.5038



50.8870, -15.7203, -44.6279



65.4620, 42.6632, -57.4102

Rectangle

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



52.8500, 28.1749, 63.2756



46.8180, -6.8123, 85.2286



50.8870, -15.7203, -44.6279



62.3380, 20.5394, -54.6704

Sweetspot

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



52.8500, 28.1749, 63.2756



134.7270, 10.9806, 24.7954



22.8660, 50.3521, -3.3905



64.5210, 6.6451, 15.3291



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



52.8500, 28.1749, 63.2756



65.0390, 38.4348, 85.9118



46.1240, 2.4039, 69.1743



59.7770, 1.5889, 3.7036



51.0400, 30.0533, 67.4939



0.0000, 0.0000, 0.0000

Inverse Universe

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



52.8500, 28.1749, 63.2756



65.0390, 38.4348, 85.9118



83.8760, -2.4039, -69.1743



59.7770, 1.5889, 3.7036



51.0400, 30.0533, 67.4939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 52.8500, 28.1749, 63.2756 looks on a white background.

Color Contrast Check

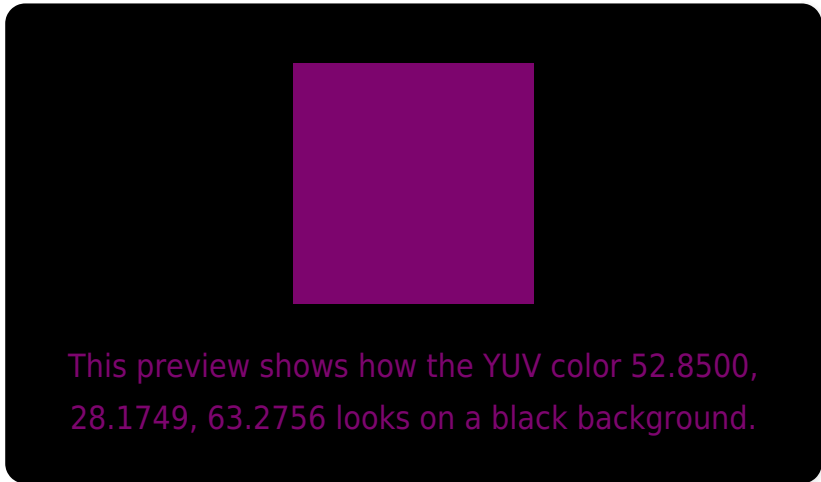
Large Text (above 18pt) WCAG AA ✓ Pass

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

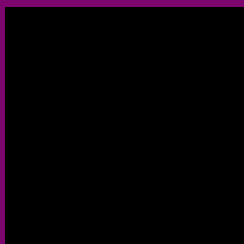
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.8500, 28.1749, 63.2756

Background



This preview shows how black text looks on a background with the YUV color 52.8500, 28.1749, 63.2756.



This preview shows how white text looks on a background with the YUV color 52.8500, 28.1749,

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

52.8500, 28.1749, 63.2756

Protanopia

55.6310, 43.0729, -48.7884

Deuteranopia

68.6900, 16.9148, -12.0061



Tritanopia

66.0660, -9.8925, 46.4231

Trichromacy



Original Color

52.8500, 28.1749, 63.2756

Protanomaly

54.2170, 37.8540, -8.0833

Deuteranomaly

63.0060, 21.1960, 14.9037

Tritanomaly

61.0680, 3.9105, 52.5604

Monochromacy



Original Color

52.8500, 28.1749, 63.2756

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.1890, 10.2598, 22.6362

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.8500, 28.1749, 63.2756 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(125, 5, 110)` looks like.

```
.text, #text, p{  
    color:rgb(125, 5, 110)  
}
```

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(125, 5, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 5, 110) }
```

Border

The CSS property to change the border of an element to YUV 52.8500, 28.1749, 63.2756 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(125, 5, 110) }
```


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

```
.border{ border-color:rgb(125, 5, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 5, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 5, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 5, 110);  
box-shadow:4px 4px 4px 4px rgb(125, 5,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 52.8500, 28.1749, 63.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 5, 110) }
```

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

```
.background{ background-color: rgb(125, 5,  
110) }
```

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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