

Converting Colors

YUV(42.7090, 25.2865, 56.3832)

Have a look what the booklet for
YUV(42.7090, 25.2865, 56.3832)
contains.

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Color

**YUV(42.7090, 25.2865,
56.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	6B005E
RGB	107, 0, 94
RGB Percent	42%, 0%, 37%
CMY	0.5804, 1.0000, 0.6314
CMYK	0.00, 1.00, 0.12, 0.58
HSL	307°, 100%, 21%
HSV	307°, 100%, 42%
XYZ	8.0838, 3.9340, 10.9229
YIQ	42.7090, 33.5980, 51.9180

Conversions

Conversions Part 2

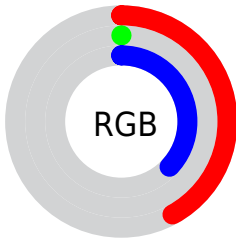
Format	Color
R_{YB}	107, 0, 94
Decimal	7012446
CIE _{Lab}	23.45, 49.83, -24.91
CIE _{LCh}	23, 55.713, 333.442
Yxy	3.9340, 0.3524, 0.1715
Android (android.graphics.Color)	4285202526 (0xFF6B005E)
YUV	42.7090, 25.2865, 56.3832
Hunter-Lab	19.8342, 38.0411, -18.7678

Details

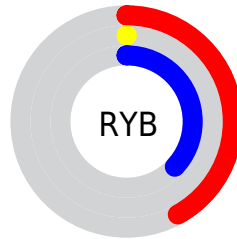
The YUV color **42.7090, 25.2865, 56.3832** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **64.2910, -25.2865, -56.3832**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1230, 20.6454, 51.6351**, and **22.1020, 12.2747, 29.7285** is the 20% darker color. If you saturate the color by 10%, you get **42.7090, 25.2865, 56.3832**, and if you desaturate by 10%, it is **49.2800, 22.5400, 50.6204**.

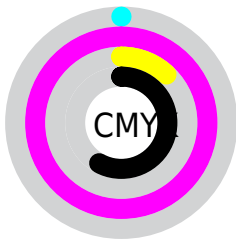
Distribution



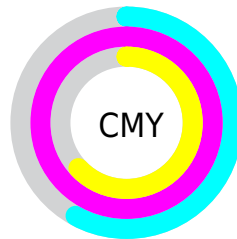
- Red (42%)
- Green (0%)
- Blue (37%)



- Red (42%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7090, 25.2865, 56.3832 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 42.7090, 25.2865, 56.3832 by changing the saturation by 10% instead.

42.7090, 25.2865,
56.3832

42.7090, 25.2865,
56.3832

255.0000, 0.0000,
0.0000

32.1990, 18.6359,
42.7985

103.1230, 20.6454,
51.6351

22.1020, 12.2747,
29.7285

130.3080, 20.0612,
52.3499

11.6350, 7.0819,
15.2291

157.4330, 20.4925,
53.9943

0.0000, 0.0000,
0.0000

185.1450, 20.6345,
55.1238

206.8660, 23.7301,
42.2135

223.3020, 15.6271,

27.7991

■ 240.3250, 7.2348,
12.8700

■ 42.7090, 25.2865,
56.3832

■ 49.2800, 22.5400,
50.6204

■ 55.3780, 20.5196,
45.2725

■ 61.9490, 17.7731,
39.5097

■ 68.5200, 15.0266,
33.7470

■ 75.2050, 12.7169,
27.8842

■ 81.1890, 10.2598,
22.6362

■ 87.7600, 7.5133,
16.8735

■ 94.3310, 4.7668,
11.1107

■ 100.4290, 2.7465,
5.7628

Harmonies

Analogous

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



55.2780, 35.3589, -1.1208



42.7090, 25.2865, 56.3832



43.4170, 4.7244, 71.5483

Triad

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



42.7090, 25.2865, 56.3832



52.6060, -25.9348, 11.7465



53.7780, 23.2804, -47.1633

Complementary

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



42.7090, 25.2865, 56.3832



64.2910, -25.2865, -56.3832

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.



49.1040, 5.3717, -43.0642



42.7090, 25.2865, 56.3832



44.1240, -21.7531, -22.9107

Square

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



42.7090, 25.2865, 56.3832



51.6080, -25.4427, 40.6858



42.6860, -14.1422, -37.4356



56.0240, 36.9632, -49.1330

Rectangle

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



42.7090, 25.2865, 56.3832



39.7410, -6.7743, 73.0181



42.6860, -14.1422, -37.4356



52.2960, 17.6021, -45.8636

Sweetspot

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



42.7090, 25.2865, 56.3832



114.7760, 9.9704, 22.1214



15.7860, 44.9685, -3.3203



55.9830, 5.9244, 13.1699



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



42.7090, 25.2865, 56.3832



55.8820, 33.0892, 73.7715



36.6670, 2.1362, 61.6820



50.3640, 1.2995, 3.1888



46.7250, 27.7436, 61.6312



97.7650, 57.7969, 129.1251

Inverse Universe

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



42.7090, 25.2865, 56.3832



55.8820, 33.0892, 73.7715



70.3330, -2.1362, -61.6820



50.3640, 1.2995, 3.1888



46.7250, 27.7436, 61.6312



97.7650, 57.7969, 129.1251

Previews

White Background



This preview shows how the YUV color 42.7090, 25.2865, 56.3832 looks on a white background.

Color Contrast Check

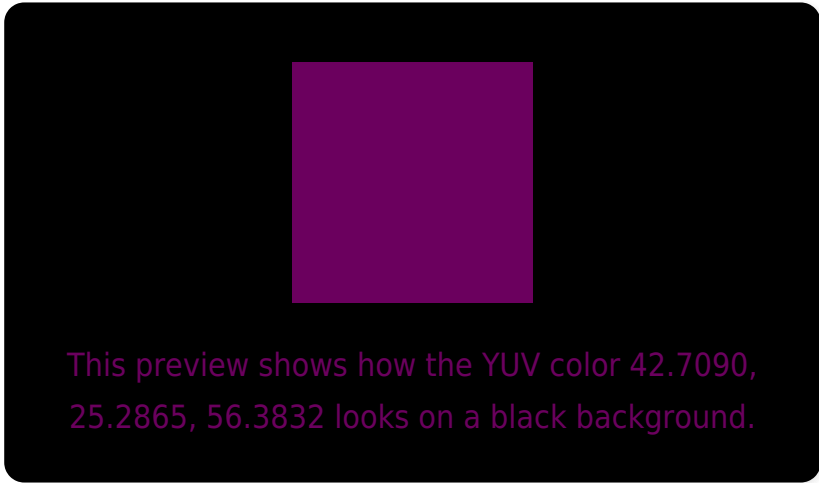
Large Text (above 18pt) WCAG AA ✓ Pass

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

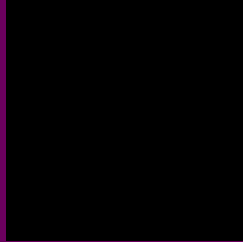
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7090, 25.2865, 56.3832

Background



This preview shows how black text looks on a background with the YUV color 42.7090, 25.2865, 56.3832.



This preview shows how white text looks on a background with the YUV color 42.7090, 25.2865,

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

47.9540, 36.5047, -42.0557

Deuteranopia

58.7180, 14.4360, -10.2767

Tritanopia

56.6630, -8.7079, 39.7605

Trichromacy



Protanomaly

46.1480, 32.4650, -6.2688

Deuteranomaly

53.1970, 18.1439, 13.8592

Tritanomaly

51.9100, 3.4954, 45.6829

Monochromacy



Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.6510, 9.5391, 20.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7090, 25.2865, 56.3832 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(107, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 94)  
}
```

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(107, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 94) }
```

Border

The CSS property to change the border of an element to YUV 42.7090, 25.2865, 56.3832 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(107, 0, 94) }
```

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

```
.border{ border-color:rgb(107, 0, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 0, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 94);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 94)  
}
```


Background

The CSS property to change the background color of an element to YUV 42.7090, 25.2865, 56.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 94) }
```

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

```
.background{ background-color: rgb(107, 0,  
94) }
```

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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