

Converting Colors

YUV(41.5690, 20.9185, 57.3830)

Have a look what the booklet for
YUV(41.5690, 20.9185, 57.3830)
contains.

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Color

**YUV(41.5690, 20.9185,
57.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0054
RGB	107, 0, 84
RGB Percent	42%, 0%, 33%
CMY	0.5804, 1.0000, 0.6706
CMYK	0.00, 1.00, 0.21, 0.58
HSL	313°, 100%, 21%
HSV	313°, 100%, 42%
XYZ	7.6636, 3.7659, 8.7105
YIQ	41.5690, 36.8080, 48.8080

Conversions

Conversions Part 2

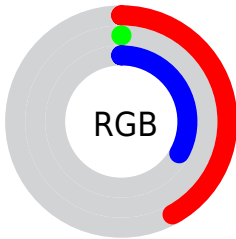
Format	Color
R_{YB}	107, 0, 84
Decimal	7012436
CIE _{Lab}	22.88, 48.41, -19.14
CIE _{LCh}	23, 52.059, 338.430
Yxy	3.7659, 0.3805, 0.1870
Android (android.graphics.Color)	4285202516 (0xFF6B0054)
YUV	41.5690, 20.9185, 57.3830
Hunter-Lab	19.4059, 36.5316, -13.0286

Details

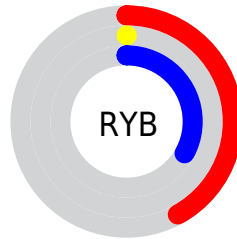
The YUV color **41.5690, 20.9185, 57.3830** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **65.4310, -20.9185, -57.3830**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2820, 16.1300, 53.2497**, and **21.1900, 8.7803, 30.5284** is the 20% darker color. If you saturate the color by 10%, you get **41.5690, 20.9185, 57.3830**, and if you desaturate by 10%, it is **48.2540, 18.6088, 51.5202**.

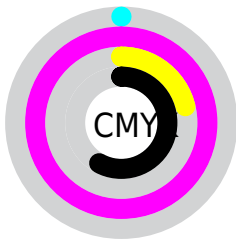
Distribution



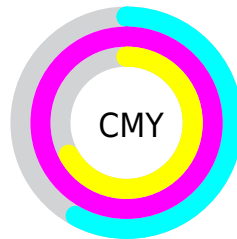
- Red (42%)
- Green (0%)
- Blue (33%)



- Red (42%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.5690, 20.9185, 57.3830 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 41.5690, 20.9185, 57.3830 by changing the saturation by 10% instead.

■ 41.5690, 20.9185,
57.3830

■ 41.5690, 20.9185,
57.3830

255.0000, 0.0000,
0.0000

■ 31.1730, 14.7047,
43.6983

■ 101.2820, 16.1300,
53.2497

■ 21.1900, 8.7803,
30.5284

■ 128.4670, 15.5458,
53.9644

■ 10.1960, 2.8614,
15.6141

■ 155.4780, 15.5403,
55.7088

■ 0.0000, 0.0000,
0.0000

■ 183.1900, 15.6823,
56.8384

■ 204.9110, 18.7779,
43.9281

■ 222.7150, 15.9165,

28.3139

■ 239.7380, 7.5242,
13.3848

■ 41.5690, 20.9185,
57.3830

■ 48.2540, 18.6088,
51.5202

■ 54.4660, 17.0253,
46.0723

■ 61.1510, 14.7156,
40.2096

■ 67.8360, 12.4059,
34.3468

■ 74.5210, 10.0961,
28.4841

■ 80.7330, 8.5126,
23.0362

■ 87.4180, 6.2029,
17.1734

■ 94.1030, 3.8932,
11.3107

■ 100.3150, 2.3097,
5.8627

Harmonies

Analogous

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



54.6770, 30.2322, 9.9303



41.5690, 20.9185, 57.3830



41.1240, 2.4039, 69.1743

Triad

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



41.5690, 20.9185, 57.3830



50.8010, -25.0449, 6.3135



52.8320, 24.7328, -46.3337

Complementary

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



41.5690, 20.9185, 57.3830



65.4310, -20.9185, -57.3830

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.



48.5000, 8.1345, -42.5345



41.5690, 20.9185, 57.3830



41.1450, -20.2845, -27.3142

Square

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



41.5690, 20.9185, 57.3830



51.5640, -25.4211, 33.7084



43.1250, -9.9216, -37.8206



53.3340, 36.8103, -46.7739

Rectangle

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



41.5690, 20.9185, 57.3830



37.3770, -8.0739, 69.8294



43.1250, -9.9216, -37.8206



51.4640, 19.4912, -45.1339

Sweetspot

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



41.5690, 20.9185, 57.3830



114.3200, 8.2232, 22.5214



18.4770, 43.6418, 2.2127



55.7550, 5.0508, 13.3699



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.



41.5690, 20.9185, 57.3830



54.4000, 27.4108, 75.0712



35.6410, -1.7950, 62.5818



50.2500, 0.8628, 3.2887



45.4710, 22.9388, 62.7309



95.1430, 47.7505, 131.4246

Inverse Universe

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



41.5690, 20.9185, 57.3830



54.4000, 27.4108, 75.0712



71.3590, 1.7950, -62.5818



50.2500, 0.8628, 3.2887



45.4710, 22.9388, 62.7309



95.1430, 47.7505, 131.4246

Previews

White Background



This preview shows how the YUV color 41.5690, 20.9185, 57.3830 looks on a white background.

Color Contrast Check

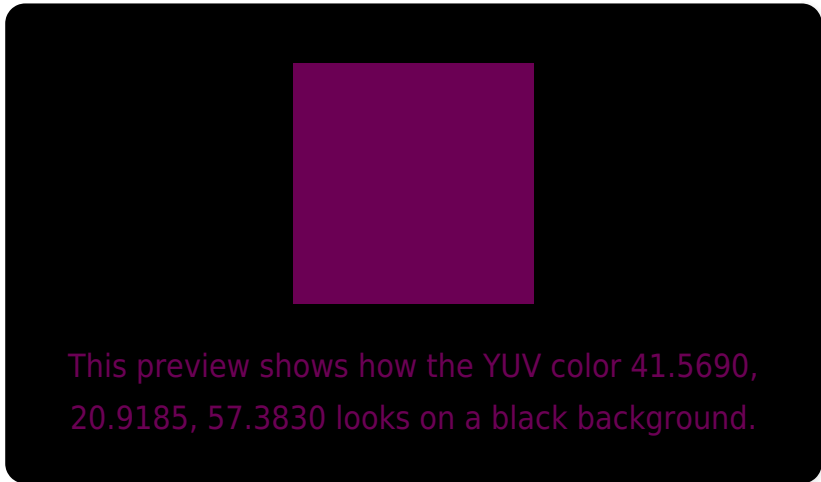
Large Text (above 18pt) WCAG AA ✓ Pass

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

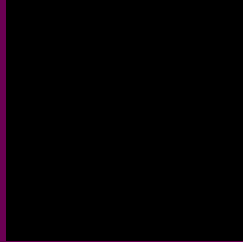
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.5690, 20.9185, 57.3830

Background



This preview shows how black text looks on a background with the YUV color 41.5690, 20.9185, 57.3830.



This preview shows how white text looks on a background with the YUV color 41.5690, 20.9185,

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

49.4280, 34.2990, -34.5784

Deuteranopia

58.8990, 9.9098, -5.1734

Tritanopia

54.1580, -9.4449, 42.8344

Trichromacy



Protanomaly

46.6710, 29.2492, -1.4655

Deuteranomaly

52.7800, 13.9125, 17.7329

Tritanomaly

49.4650, 1.7428, 47.8272

Monochromacy



Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0810, 7.3551, 20.9770

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5690, 20.9185, 57.3830 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, 84)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 84)  
}
```

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, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 84) }
```

Border

The CSS property to change the border of an element to YUV 41.5690, 20.9185, 57.3830 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, 84) }
```

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

```
.border{ border-color:rgb(107, 0, 84) }
```

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, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 84);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 84)  
}
```


Background

The CSS property to change the background color of an element to YUV 41.5690, 20.9185, 57.3830 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, 84) }
```

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

```
.background{ background-color: rgb(107, 0,  
84) }
```

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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