

Converting Colors

YUV(67.6990, 57.3364, 43.2370)

Have a look what the booklet for
YUV(67.6990, 57.3364, 43.2370)
contains.

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Color

**YUV(67.6990, 57.3364,
43.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	7514B8
RGB	117, 20, 184
RGB Percent	46%, 8%, 72%
CMY	0.5412, 0.9216, 0.2784
CMYK	0.36, 0.89, 0.00, 0.28
HSL	275°, 80%, 40%
HSV	275°, 89%, 72%
XYZ	16.2380, 7.7429, 45.9861
YIQ	67.6990, 5.1680, 71.5680

Conversions

Conversions Part 2

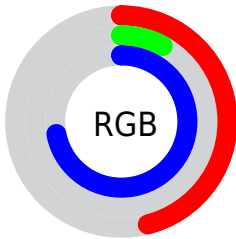
Format	Color
R_{YB}	117, 20, 184
Decimal	7673016
CIE _{Lab}	33.44, 64.33, -64.81
CIE _{LCh}	33, 91.317, 314.786
Yxy	7.7429, 0.2321, 0.1107
Android (android.graphics.Color)	4285863096 (0xFF7514B8)
YUV	67.6990, 57.3364, 43.2370
Hunter-Lab	27.8261, 55.4686, -78.5059

Details

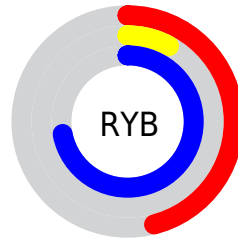
The YUV color **67.6990, 57.3364, 43.2370** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **136.3010, -57.3364, -43.2370**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9330, 55.7420, 41.2778**, and **32.1620, 48.2341, 22.6599** is the 20% darker color. If you saturate the color by 10%, you get **54.7410, 63.7247, 47.5851**, and if you desaturate by 10%, it is **80.6570, 50.9481, 38.8888**.

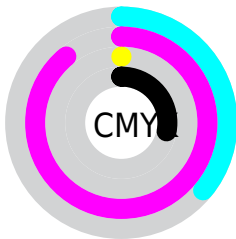
Distribution



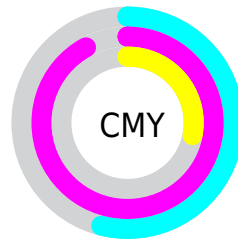
- Red (46%)
- Green (8%)
- Blue (72%)



- Red (46%)
- Yellow (8%)
- Blue (72%)



- Cyan (36%)
- Magenta (89%)
- Yellow (0%)
- Black (28%)



- Cyan (54%)
- Magenta (92%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6990, 57.3364, 43.2370 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 67.6990, 57.3364, 43.2370 by changing the saturation by 10% instead.

67.6990, 57.3364,
43.2370

67.6990, 57.3364,
43.2370

255.0000, 0.0000,
0.0000

44.0960, 55.1687,
38.5038

127.9330, 55.7420,
41.2778

32.1620, 48.2341,
22.6599

154.0490, 49.7688,
43.8070

19.3310, 41.7418,
4.9717

179.4550, 37.2437,
47.8360

9.0060, 34.5070,
-7.8983

201.5830, 26.3346,
46.8467

9.0910, 22.1401,
-7.9728

218.6060, 17.9422,
31.9175

4.8220, 13.3988,
-4.2289

235.6290, 9.5499,

0.4560, 1.7472,

16.9884

-0.3999

252.6520, 1.1576,
2.0592

0.0000, 0.0000,
0.0000

67.6990, 57.3364,
43.2370

67.6990, 57.3364,
43.2370

54.7410, 63.7247,
47.5851

80.6570, 50.9481,
38.8888

53.5670, 64.3035,
48.6147

93.9030, 44.4178,
33.4111

106.8610, 38.0295,
29.0629

120.1070, 31.4992,
23.5852

133.0650, 25.1110,
19.2370

■ 145.7240, 18.8701,
14.2741

■ 159.2690, 12.1924,
9.4111

■ 171.9280, 5.9515,
4.4481

■ 185.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



71.7950, 74.5441, -62.9642



67.6990, 57.3364, 43.2370



67.9840, 25.1509, 99.9920

Triad

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



67.6990, 57.3364, 43.2370



73.4810, -36.2261, 46.0592



74.0440, 19.6983, -64.9366

Complementary

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



67.6990, 57.3364, 43.2370



136.3010, -57.3364, -43.2370

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.



64.0920, -13.3564, -56.2087



67.6990, 57.3364, 43.2370



69.9060, -34.4637, -6.0566

Square

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



67.6990, 57.3364, 43.2370



51.4280, -25.3540, 105.7416



57.5260, -28.3603, -50.4503



82.3830, 49.1112, -72.2499

Rectangle

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



67.6990, 57.3364, 43.2370



66.1000, 2.4157, 112.1683



57.5260, -28.3603, -50.4503



70.6070, 9.0677, -61.9223

Sweetspot

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



67.6990, 57.3364, 43.2370



193.7720, 22.7904, 16.8630



78.6120, 51.9563, -51.4027



92.3230, 13.6448, 10.2407



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



67.6990, 57.3364, 43.2370



69.8180, 83.8997, 63.3036



86.1360, 41.3450, 85.8267



85.5210, 3.1941, 2.1741



45.2920, 54.5790, 40.9629



8.2750, 9.7244, 7.6518

Inverse Universe

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



76.6740, 5.0907, 94.1249



82.9320, 7.4285, 137.7486



117.8640, -41.3450, -85.8267



86.0330, -0.0163, 5.2331



53.9400, 4.9596, 89.5066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 67.6990, 57.3364, 43.2370 looks on a white background.

Color Contrast Check

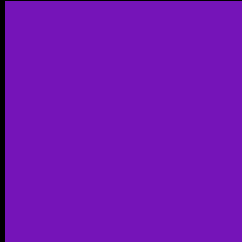
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 67.6990, 57.3364, 43.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

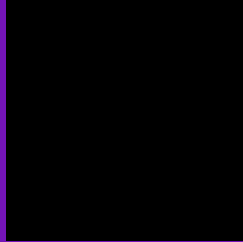
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6990, 57.3364, 43.2370

Background



This preview shows how black text looks on a background with the YUV color 67.6990, 57.3364, 43.2370.



This preview shows how white text looks on a background with the YUV color 67.6990, 57.3364,

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

67.6990, 57.3364, 43.2370

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

64.0940, 37.4217, -56.2104



Tritanopia

80.8600, -0.9170, 14.1548

Trichromacy



Original Color

67.6990, 57.3364, 43.2370

Protanomaly

65.1090, 51.7113, -19.3896

Deuteranomaly

65.2740, 44.7279, -19.5343

Tritanomaly

76.1320, 20.1479, 24.4402

Monochromacy



Original Color

67.6990, 57.3364, 43.2370

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1910, 20.6118, 15.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6990, 57.3364, 43.2370 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(117, 20, 184)` looks like.

```
.text, #text, p{  
    color:rgb(117, 20, 184)  
}
```

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(117, 20, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 20, 184) }
```

Border

The CSS property to change the border of an element to YUV 67.6990, 57.3364, 43.2370 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(117, 20, 184) }
```


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

```
.border{ border-color:rgb(117, 20, 184) }
```

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

Here you see how a box with a 4 pixel rgb(117, 20, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 20, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 20, 184);  
box-shadow:4px 4px 4px 4px rgb(117, 20,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 67.6990, 57.3364, 43.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 20, 184) }
```

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

```
.background{ background-color: rgb(117, 20,  
184) }
```

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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