

Converting Colors

YUV(92.5730, 34.7205, 17.0375)

Have a look what the booklet for
YUV(92.5730, 34.7205, 17.0375)
contains.

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Color

**YUV(92.5730, 34.7205,
17.0375)**

Conversions

Conversions Part 1

Format	Color
Hex	7045A3
RGB	112, 69, 163
RGB Percent	44%, 27%, 64%
CMY	0.5608, 0.7294, 0.3608
CMYK	0.31, 0.58, 0.00, 0.36
HSL	267°, 41%, 45%
HSV	267°, 58%, 64%
XYZ	15.4211, 10.3453, 35.8344
YIQ	92.5730, -4.5460, 38.3500

Conversions

Conversions Part 2

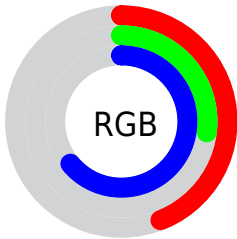
Format	Color
R _{YB}	112, 69, 163
Decimal	7357859
CIE Lab	38.46, 37.99, -44.20
CIE LCh	38, 58.277, 310.679
Yxy	10.3453, 0.2503, 0.1679
Android (android.graphics.Color)	4285547939 (0xFF7045A3)
YUV	92.5730, 34.7205, 17.0375
Hunter-Lab	32.1642, 29.2944, -43.5406

Details

The YUV color **92.5730, 34.7205, 17.0375** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **139.4270, -34.7205, -17.0375**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.7520, 36.6043, 19.5115**, and **42.5080, 33.2736, 14.4635** is the 20% darker color. If you saturate the color by 10%, you get **80.4900, 40.6774, 19.7413**, and if you desaturate by 10%, it is **104.6560, 28.7636, 14.3337**.

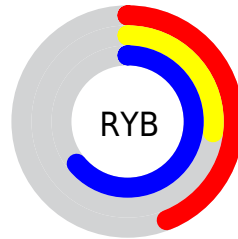
Distribution



Red (44%)

Green (27%)

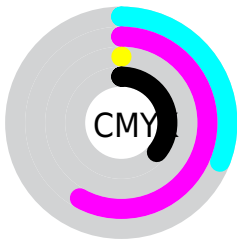
Blue (64%)



Red (44%)

Yellow (27%)

Blue (64%)

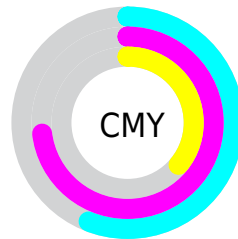


Cyan (31%)

Magenta (58%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (73%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5730, 34.7205, 17.0375 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 92.5730, 34.7205, 17.0375 by changing the saturation by 10% instead.

■ 92.5730, 34.7205,
17.0375

■ 92.5730, 34.7205,
17.0375

■ 255.0000, 0.0000,
0.0000

■ 67.6330, 33.7049,
16.1079

■ 144.7520, 36.6043,
19.5115

■ 42.5080, 33.2736,
14.4635

■ 171.5780, 37.1830,
20.5411

■ 19.3720, 32.8476,
11.0748

■ 196.7110, 28.7365,
23.0555

■ 9.4600, 25.9022,
-1.2804

■ 222.1170, 16.2113,
27.0844

■ 6.2070, 16.1669,
-5.4435

■ 239.1510, 7.8136,
13.8996

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 92.5730, 34.7205,
17.0375

■ 92.5730, 34.7205,
17.0375

■ 80.4900, 40.6774,
19.7413

■ 104.6560, 28.7636,
14.3337

■ 67.8200, 46.9237,
22.9599

■ 117.3260, 22.5173,
11.1151

■ 55.7370, 52.8807,
25.6637

■ 129.4090, 16.5604,
8.4113

■ 43.9530, 58.6902,
28.9822

■ 141.1930, 10.7509,
5.0927

■ 41.0070, 60.1425,
29.8119

■ 153.2760, 4.7939,
2.3889

■ 165.9460, -1.4524,
-0.8296

■ 178.0290, -7.4093,
-3.5334

■ 190.1120,
-13.3662, -6.2372

■ 202.7820,
-19.6125, -9.4558

Harmonies

Analogous

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



74.3930, 54.0363, -65.2427



92.5730, 34.7205, 17.0375



85.9180, 18.2814, 63.2159

Triad

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



92.5730, 34.7205, 17.0375



85.5640, -42.1831, 43.3554



77.3550, 14.6150, -67.8403

Complementary

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



92.5730, 34.7205, 17.0375



139.4270, -34.7205, -17.0375

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.



70.4810, -6.6461, -61.8118



92.5730, 34.7205, 17.0375



83.5830, -41.2064, 10.0127

Square

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



92.5730, 34.7205, 17.0375



82.9690, -26.1137, 69.3102



72.7090, -35.8455, -29.5628



81.8980, 34.5603, -71.8245

Rectangle

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



92.5730, 34.7205, 17.0375



79.2270, 6.2971, 80.4849



72.7090, -35.8455, -29.5628



75.4170, 7.1894, -66.1407

Sweetspot

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



92.5730, 34.7205, 17.0375



184.8880, 13.3662, 6.2372



110.2400, 26.0107, -36.1675



91.0850, 7.8461, 3.4335



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



92.5730, 34.7205, 17.0375



102.3780, 54.0436, 25.9785



106.3270, 27.9398, 45.3172



75.2220, 3.3416, 1.5593



36.2640, 53.6068, 26.0785



4.4440, 6.6831, 3.1186

Inverse Universe

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



102.9200, 8.4204, 52.6902



118.6600, 12.9856, 81.8592



125.6730, -27.9398, -45.3172



76.2610, 0.8573, 5.0331



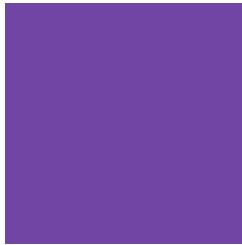
52.3610, 13.1330, 81.2444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 92.5730, 34.7205, 17.0375 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 × Fail

Black Background



This preview shows how the YUV color 92.5730, 34.7205, 17.0375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

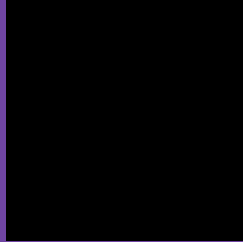
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5730, 34.7205, 17.0375

Background



This preview shows how black text looks on a background with the YUV color 92.5730, 34.7205, 17.0375.



This preview shows how white text looks on a background with the YUV color 92.5730, 34.7205,

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

92.5730, 34.7205, 17.0375

Protanopia

79.8790, 50.3457, -48.1289

Deuteranopia

82.7800, 37.0835, -41.0261



Tritanopia

91.9730, 0.9993, 6.1627

Trichromacy



Original Color

92.5730, 34.7205, 17.0375

Protanomaly

84.5400, 44.5968, -24.1526

Deuteranomaly

86.6840, 36.1448, -19.8939

Tritanomaly

92.2090, 13.2080, 10.3407

Monochromacy



Original Color

92.5730, 34.7205, 17.0375

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.6600, 12.4926, 6.4372

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5730, 34.7205, 17.0375 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(112, 69, 163)` looks like.

```
.text, #text, p{  
    color:rgb(112, 69, 163)  
}
```

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(112, 69, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 69, 163) }
```

Border

The CSS property to change the border of an element to YUV 92.5730, 34.7205, 17.0375 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(112, 69, 163) }
```


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

```
.border{ border-color:rgb(112, 69, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 69, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 69, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 69, 163); box-shadow:4px 4px 4px 4px rgb(112, 69, 163) }
```

Background

The CSS property to change the background color of an element to YUV 92.5730, 34.7205, 17.0375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 69, 163) }
```

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

```
.background{ background-color: rgb(112, 69,  
163) }
```

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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