

Converting Colors

YUV(103.7250, 30.7016,
-0.6358)

Have a look what the booklet for
YUV(103.7250, 30.7016, -0.6358)
contains.

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Color

**YUV(103.7250, 30.7016,
-0.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	675CA6
RGB	103, 92, 166
RGB Percent	40%, 36%, 65%
CMY	0.5961, 0.6392, 0.3490
CMYK	0.38, 0.45, 0.00, 0.35
HSL	249°, 29%, 51%
HSV	249°, 45%, 65%
XYZ	16.3036, 13.2910, 37.7825
YIQ	103.7250, -17.1980, 25.3460

Conversions

Conversions Part 2

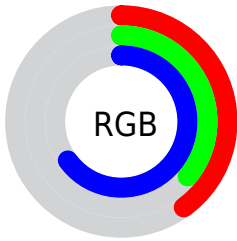
Format	Color
R_{YB}	103, 92, 166
Decimal	6773926
CIE _{Lab}	43.20, 22.65, -38.48
CIE _{LCh}	43, 44.646, 300.481
Yxy	13.2910, 0.2420, 0.1973
Android (android.graphics.Color)	4284964006 (0xFF675CA6)
YUV	103.7250, 30.7016, -0.6358
Hunter-Lab	36.4569, 16.0261, -35.9261

Details

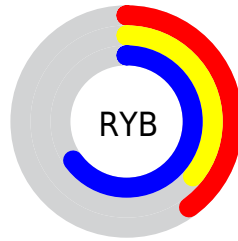
The YUV color **103.7250, 30.7016, -0.6358** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **154.2750, -30.7016, 0.6358**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6050, 32.7327, 1.2234**, and **55.2470, 28.9652, -3.7246** is the 20% darker color. If you saturate the color by 10%, you get **89.5600, 37.6849, -0.4911**, and if you desaturate by 10%, it is **117.8900, 23.7182, -0.7805**.

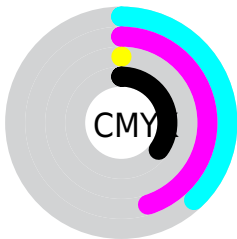
Distribution



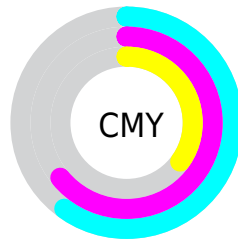
- Red (40%)
- Green (36%)
- Blue (65%)



- Red (40%)
- Yellow (36%)
- Blue (65%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)



- Cyan (60%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7250, 30.7016, -0.6358 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 103.7250, 30.7016, -0.6358 by changing the saturation by 10% instead.

■ 103.7250, 30.7016,
-0.6358

■ 103.7250, 30.7016,
-0.6358

■ 255.0000, 0.0000,
0.0000

■ 78.7850, 29.6860,
-1.5654

■ 155.6050, 32.7327,
1.2234

■ 55.2470, 28.9652,
-3.7246

■ 182.7190, 33.1695,
1.1234

■ 31.6980, 28.2499,
-7.6281

■ 207.8090, 23.2652,
4.5525

■ 7.4100, 28.3919,
-6.4986

■ 232.9160, 10.8874,
7.9667

■ 6.5490, 17.4773,
-5.7435

■ 253.8260, 0.5788,
1.0296

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 103.7250, 30.7016,
-0.6358

■ 103.7250, 30.7016,
-0.6358

■ 89.5600, 37.6849,
-0.4911

■ 117.8900, 23.7182,
-0.7805

■ 75.9820, 44.3789,
-0.8612

■ 131.4680, 17.0243,
-0.4104

■ 61.8170, 51.3622,
-0.7165

■ 145.6330, 10.0409,
-0.5551

■ 47.9400, 58.2036,
-1.7014

■ 159.5100, 3.1996,
0.4297

■ 33.7750, 65.1869,
-1.5567

■ 173.6750, -3.7838,
0.2850

■ 26.3990, 68.8233,
-1.2269

■ 187.8400,
-10.7671, 0.1403

■ 201.4180,
-17.4611, 0.5104

■ 215.5830,
-24.4444, 0.3657

■ 229.1610,
-31.1384, 0.7358

Harmonies

Analogous

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



82.2860, 46.2010, -72.1648



103.7250, 30.7016, -0.6358



104.4110, 17.0524, 37.3506

Triad

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



103.7250, 30.7016, -0.6358



99.5500, -30.8371, 44.2447



81.9540, 9.3897, -71.8737

Complementary

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



103.7250, 30.7016, -0.6358



154.2750, -30.7016, 0.6358

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.



83.7490, -9.7363, -50.6459



103.7250, 30.7016, -0.6358



97.1590, -38.0394, 20.9086

Square

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



103.7250, 30.7016, -0.6358



99.8350, -16.1877, 58.9037



94.0350, -30.0903, -8.8007



85.6990, 26.2774, -75.1580

Rectangle

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



103.7250, 30.7016, -0.6358



102.3500, 6.2365, 53.1901



94.0350, -30.0903, -8.8007



79.9990, 4.4375, -70.1591

Sweetspot

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



103.7250, 30.7016, -0.6358



193.3880, 11.6407, -0.3403



138.0040, 13.8020, -40.3455



94.9490, 7.4201, 0.0447



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



103.7250, 30.7016, -0.6358



120.1930, 47.7259, -1.0463



114.4890, 25.3949, 21.4961



77.2110, 3.3470, -0.1850



23.4500, 61.4031, -1.2716



3.1770, 8.2937, -0.1552

Inverse Universe

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



121.3080, 16.6102, 39.1949



147.5570, 25.8544, 60.9015



143.5110, -25.3949, -21.4961



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 103.7250, 30.7016, -0.6358 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 103.7250, 30.7016, -0.6358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

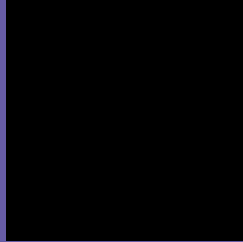
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7250, 30.7016, -0.6358

Background



This preview shows how black text looks on a background with the YUV color 103.7250, 30.7016, -0.6358.



This preview shows how white text looks on a background with the YUV color 103.7250, 30.7016, -0.6358.

-0.6358.

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

103.7250, 30.7016, -0.6358

Protanopia

99.6510, 36.1611, -25.1269

Deuteranopia

98.3040, 32.3881, -28.3306



Tritanopia

101.0250, 5.4107, -8.7919

Trichromacy



Original Color

103.7250, 30.7016, -0.6358

Protanomaly

101.1360, 33.9500, -15.9053

Deuteranomaly

99.9570, 32.0662, -18.3793

Tritanomaly

102.1530, 14.7146, -6.2732

Monochromacy



Original Color

103.7250, 30.7016, -0.6358

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2740, 11.2039, -0.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7250, 30.7016, -0.6358 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(103, 92, 166)` looks like.

```
.text, #text, p{  
    color:rgb(103, 92, 166)  
}
```

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(103, 92, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 92, 166) }
```

Border

The CSS property to change the border of an element to YUV 103.7250, 30.7016, -0.6358 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(103, 92, 166) }
```


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

```
.border{ border-color:rgb(103, 92, 166) }
```

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

Here you see how a box with a 4 pixel rgb(103, 92, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 92, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 92, 166);  
box-shadow:4px 4px 4px 4px rgb(103, 92,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 103.7250, 30.7016, -0.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 92, 166) }
```

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

```
.background{ background-color: rgb(103, 92,  
166) }
```

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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