

Converting Colors

YUV(116.7070, 17.8924, 1.1340)

Have a look what the booklet for
YUV(116.7070, 17.8924, 1.1340)
contains.

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Color

**YUV(116.7070, 17.8924,
1.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	766D99
RGB	118, 109, 153
RGB Percent	46%, 43%, 60%
CMY	0.5373, 0.5725, 0.4000
CMYK	0.23, 0.29, 0.00, 0.40
HSL	252°, 18%, 51%
HSV	252°, 29%, 60%
XYZ	18.6896, 17.0887, 32.4504
YIQ	116.7070, -8.7600, 15.5920

Conversions

Conversions Part 2

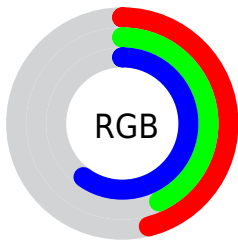
Format	Color
R_{YB}	118, 109, 153
Decimal	7761305
CIE _{Lab}	48.37, 13.29, -22.61
CIE _{LCh}	48, 26.224, 300.448
Yxy	17.0887, 0.2739, 0.2505
Android (android.graphics.Color)	4285951385 (0xFF766D99)
YUV	116.7070, 17.8924, 1.1340
Hunter-Lab	41.3385, 8.3595, -17.6052

Details

The YUV color **116.7070, 17.8924, 1.1340** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145.2930, -17.8924, -1.1340**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2340, 18.6186, 1.5488**, and **68.6530, 16.4401, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **104.3140, 24.0022, 1.4786**, and if you desaturate by 10%, it is **129.1000, 11.7827, 0.7893**.

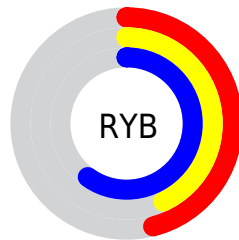
Distribution



Red (46%)

Green (43%)

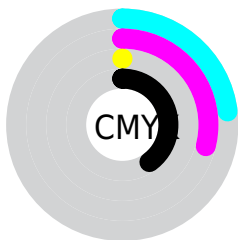
Blue (60%)



Red (46%)

Yellow (43%)

Blue (60%)

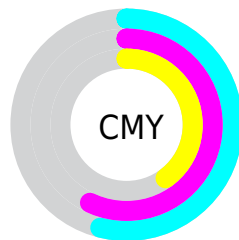


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (57%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7070, 17.8924, 1.1340 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 116.7070, 17.8924, 1.1340 by changing the saturation by 10% instead.

■ 116.7070, 17.8924,
1.1340

■ 116.7070, 17.8924,
1.1340

■ 255.0000, 0.0000,
0.0000

■ 92.1800, 17.1663,
0.7191

■ 169.2340, 18.6186,
1.5488

■ 68.6530, 16.4401,
0.3043

■ 196.4620, 19.4922,
1.3488

■ 45.8270, 15.8613,
-0.7253

■ 223.1480, 15.7030,
3.3782

■ 24.0010, 15.2825,
-1.7549

■ 248.5430, 3.1833,
5.6628

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 116.7070, 17.8924,
1.1340

■ 116.7070, 17.8924,
1.1340

■ 104.3140, 24.0022,
1.4786

■ 129.1000, 11.7827,
0.7893

■ 91.3340, 30.4013,
2.3381

■ 142.0800, 5.3836,
-0.0702

■ 78.6420, 36.6585,
2.0680

■ 154.7720, -0.8736,
0.2000

■ 66.2490, 42.7682,
2.4126

■ 167.1650, -6.9833,
-0.1447

■ 53.2690, 49.1674,
3.2721

■ 180.1450,
-13.3825, -1.0042

■ 40.8760, 55.2771,
3.6167

■ 192.5380,
-19.4922, -1.3488

■ 28.4830, 61.3869,
3.9614

■ 204.9310,
-25.6020, -1.6935

■ 26.7110, 62.2605,
3.7615

■ 217.3240,
-31.7117, -2.0381

■ 230.6030,
-38.2583, -2.2828

Harmonies

Analogous

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



111.9210, 23.2099, -24.4867



116.7070, 17.8924, 1.1340



118.2490, 9.2442, 21.7066

Triad

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



116.7070, 17.8924, 1.1340



115.2520, -18.8582, 28.7200



103.0930, 5.3772, -44.8086

Complementary

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



116.7070, 17.8924, 1.1340



145.2930, -17.8924, -1.1340

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.



107.7830, -7.7810, -24.3657



116.7070, 17.8924, 1.1340



113.4690, -21.4302, 13.6207

Square

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



116.7070, 17.8924, 1.1340



116.6580, -11.1704, 36.2569



110.7980, -17.1554, -4.2078



99.4470, 18.5136, -58.2740

Rectangle

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



116.7070, 17.8924, 1.1340



118.1810, 2.3758, 31.4133



110.7980, -17.1554, -4.2078



104.6980, 1.1349, -37.4461

Sweetspot

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



116.7070, 17.8924, 1.1340



184.2480, 7.2727, 0.6595



134.5610, 9.0904, -22.4170



90.7380, 4.0732, 0.2298



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



116.7070, 17.8924, 1.1340



141.4650, 28.3648, 2.2232



123.2850, 14.6495, 14.6591



70.2110, 3.3470, -0.1850



24.6310, 56.8769, 3.8316



2.3790, 5.2362, 0.5446

Inverse Universe

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



126.1460, 8.8020, 23.5510



156.3140, 14.1422, 37.4356



138.7150, -14.6495, -14.6591



72.0760, 1.4415, 4.3183



54.6280, 28.2844, 74.8712



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 116.7070, 17.8924, 1.1340 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 116.7070, 17.8924, 1.1340 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 116.7070, 17.8924, 1.1340

Background



This preview shows how black text looks on a background with the YUV color 116.7070, 17.8924, 1.1340.



This preview shows how white text looks on a background with the YUV color 116.7070, 17.8924,

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

116.7070, 17.8924, 1.1340

Protanopia

114.6130, 20.4038, -11.0616

Deuteranopia

115.3530, 18.0670, -8.2026



Tritanopia

115.4280, 4.2260, -2.1294

Trichromacy



Original Color

116.7070, 17.8924, 1.1340

Protanomaly

115.7060, 19.3719, -6.7582

Deuteranomaly

115.9620, 17.7667, -5.2287

Tritanomaly

116.1060, 9.3147, -0.9700

Monochromacy



Original Color

116.7070, 17.8924, 1.1340

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7070, 17.8924, 1.1340 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(118, 109, 153)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 153)  
}
```

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(118, 109, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 153) }
```

Border

The CSS property to change the border of an element to YUV 116.7070, 17.8924, 1.1340 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(118, 109, 153) }
```


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

```
.border{ border-color:rgb(118, 109, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 153);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 116.7070, 17.8924, 1.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 153) }
```

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

```
.background{ background-color: rgb(118,  
109, 153) }
```

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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