

Converting Colors

YUV(76.2740, 18.1059, 26.0697)

Have a look what the booklet for
YUV(76.2740, 18.1059, 26.0697)
contains.

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Color

**YUV(76.2740, 18.1059,
26.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3671
RGB	106, 54, 113
RGB Percent	42%, 21%, 44%
CMY	0.5843, 0.7882, 0.5569
CMYK	0.06, 0.52, 0.00, 0.56
HSL	293°, 35%, 33%
HSV	293°, 52%, 44%
XYZ	10.2437, 6.8948, 16.4137
YIQ	76.2740, 12.0530, 29.3730

Conversions

Conversions Part 2

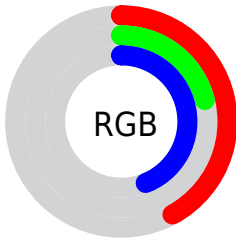
Format	Color
R_{YB}	106, 54, 113
Decimal	6960753
CIE _{Lab}	31.57, 32.92, -24.43
CIE _{LCh}	32, 40.994, 323.418
Yxy	6.8948, 0.3053, 0.2055
Android (android.graphics.Color)	4285150833 (0xFF6A3671)
YUV	76.2740, 18.1059, 26.0697
Hunter-Lab	26.2579, 23.6847, -18.6815

Details

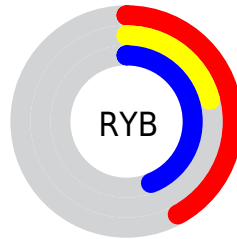
The YUV color **76.2740, 18.1059, 26.0697** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.7260, -18.1059, -26.0697**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8120, 18.8267, 28.2289**, and **27.0890, 18.6901, 25.3549** is the 20% darker color. If you saturate the color by 10%, you get **69.5180, 21.4366, 31.1177**, and if you desaturate by 10%, it is **83.0300, 14.7752, 21.0217**.

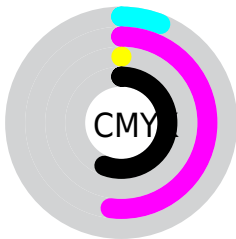
Distribution



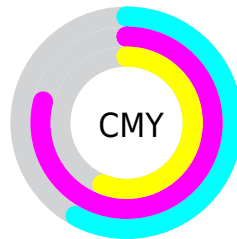
- Red (42%)
- Green (21%)
- Blue (44%)



- Red (42%)
- Yellow (21%)
- Blue (44%)



- Cyan (6%)
- Magenta (52%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2740, 18.1059, 26.0697 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 76.2740, 18.1059, 26.0697 by changing the saturation by 10% instead.

■ 76.2740, 18.1059,
26.0697

■ 76.2740, 18.1059,
26.0697

■ 255.0000, 0.0000,
0.0000

■ 51.8610, 17.8165,
25.5549

■ 126.8120, 18.8267,
28.2289

■ 27.0890, 18.6901,
25.3549

■ 153.2250, 19.1161,
28.7437

■ 15.6660, 13.4757,
17.8329

■ 180.0510, 19.6949,
29.7733

■ 2.9810, 8.8834,
-2.6143

■ 207.8770, 20.2736,
30.8029

■ 0.0000, 0.0000,
0.0000

■ 228.5850, 13.0226,
23.1660

■ 245.6080, 4.6303,

■ 76.2740, 18.1059,
26.0697

■ 76.2740, 18.1059,
26.0697

■ 69.5180, 21.4366,
31.1177

■ 83.0300, 14.7752,
21.0217

■ 61.8760, 25.2041,
36.0657

■ 90.6720, 11.0077,
16.0737

■ 55.1200, 28.5348,
41.1138

■ 97.4280, 7.6770,
11.0256

■ 48.3640, 31.8655,
46.1618

■ 104.1840, 4.3463,
5.9776

■ 42.7820, 34.6175,
50.1802

■ 111.2390, 0.8682,
1.5444

■ 118.5820, -2.7519,
-4.0184

■ 125.3380, -6.0826,
-9.0664

■ 132.3930, -9.5607,
-13.4997

■ 139.7360,
-13.1808, -19.0625

Harmonies

Analogous

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



73.7190, 29.7185, -12.0316



76.2740, 18.1059, 26.0697



72.9750, 4.9423, 48.2569

Triad

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



76.2740, 18.1059, 26.0697



69.7940, -34.4084, 22.9827



63.5290, 17.4872, -55.7149

Complementary

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



76.2740, 18.1059, 26.0697



90.7260, -18.1059, -26.0697

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.



59.7670, 3.0729, -52.4157



76.2740, 18.1059, 26.0697



67.2640, -30.6962, -1.1085

Square

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



76.2740, 18.1059, 26.0697



71.5480, -24.4272, 41.6154



59.9250, -13.2740, -35.8912



65.3190, 29.4227, -57.2848

Rectangle

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



76.2740, 18.1059, 26.0697



71.0760, -4.9675, 53.4303



59.9250, -13.2740, -35.8912



62.2750, 12.6824, -54.6152

Sweetspot

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



76.2740, 18.1059, 26.0697



133.0150, 7.3876, 10.5108



65.4220, 23.4560, -10.0171



65.1840, 4.3463, 5.9776



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



76.2740, 18.1059, 26.0697



90.1200, 28.5348, 41.1138



75.8590, 7.4645, 32.5727



52.1790, 1.8838, 2.4740



45.3740, 36.7906, 53.1690



93.3400, 75.7544, 109.3268

Inverse Universe

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



72.4390, -5.6394, 35.5720



84.0610, -8.9041, 56.0745



91.1410, -7.4645, -32.5727



51.9080, -0.4476, 3.5887



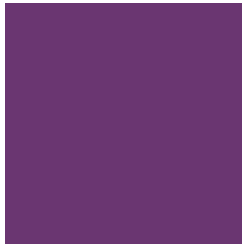
37.4760, -11.5737, 72.3735



77.1590, -23.7424, 148.9506

Previews

White Background



This preview shows how the YUV color 76.2740, 18.1059, 26.0697 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 76.2740, 18.1059, 26.0697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

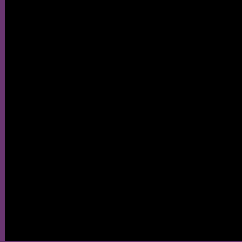
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2740, 18.1059, 26.0697

Background



This preview shows how black text looks on a background with the YUV color 76.2740, 18.1059, 26.0697.



This preview shows how white text looks on a background with the YUV color 76.2740, 18.1059,

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

76.2740, 18.1059, 26.0697

Protanopia

72.3220, 28.4353, -20.4534

Deuteranopia

74.1030, 17.2042, -11.4913



Tritanopia

76.0350, -2.9753, 21.0173

Trichromacy



Original Color

76.2740, 18.1059, 26.0697

Protanomaly

73.8080, 24.7447, -3.3396

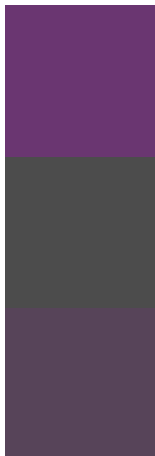
Deuteranomaly

74.8920, 17.3082, 1.8487

Tritanomaly

76.1090, 4.8763, 22.7064

Monochromacy



Original Color

76.2740, 18.1059, 26.0697

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2740, 18.1059, 26.0697 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(106, 54, 113)` looks like.

```
.text, #text, p{  
    color:rgb(106, 54, 113)  
}
```

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(106, 54, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 54, 113) }
```

Border

The CSS property to change the border of an element to YUV 76.2740, 18.1059, 26.0697 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(106, 54, 113) }
```


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

```
.border{ border-color:rgb(106, 54, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 54, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 54, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 54, 113);  
box-shadow:4px 4px 4px 4px rgb(106, 54,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 76.2740, 18.1059, 26.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 54, 113) }
```

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

```
.background{ background-color: rgb(106, 54,  
113) }
```

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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