

Converting Colors

YUV(18.7370, 45.9787, -0.6463)

Have a look what the booklet for
YUV(18.7370, 45.9787, -0.6463)
contains.

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Color

**YUV(18.7370, 45.9787,
-0.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	120170
RGB	18, 1, 112
RGB Percent	7%, 0%, 44%
CMY	0.9294, 0.9961, 0.5608
CMYK	0.84, 0.99, 0.00, 0.56
HSL	249°, 98%, 22%
HSV	249°, 99%, 44%
XYZ	3.1849, 1.3202, 15.4162
YIQ	18.7370, -25.4990, 38.1250

Conversions

Conversions Part 2

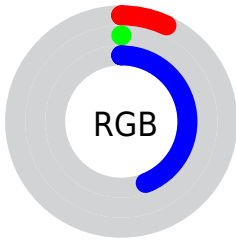
Format	Color
R_{YB}	18, 1, 112
Decimal	1180016
CIE _{Lab}	11.42, 43.03, -56.97
CIE _{LCh}	11, 71.393, 307.061
Yxy	1.3202, 0.1599, 0.0663
Android (android.graphics.Color)	4279370096 (0xFF120170)
YUV	18.7370, 45.9787, -0.6463
Hunter-Lab	11.4898, 29.3724, -71.5081

Details

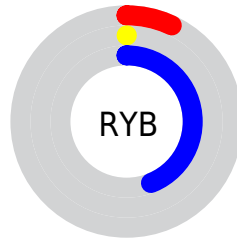
The YUV color **18.7370, 45.9787, -0.6463** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **94.2630, -45.9787, 0.6463**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.9770, 45.3673, 8.7902**, and **8.2420, 26.5027, -7.2282** is the 20% darker color. If you saturate the color by 10%, you get **17.8510, 46.4155, -0.7463**, and if you desaturate by 10%, it is **27.8850, 41.4687, -0.7761**.

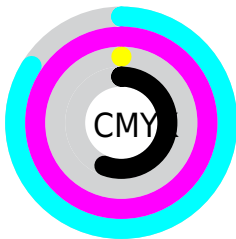
Distribution



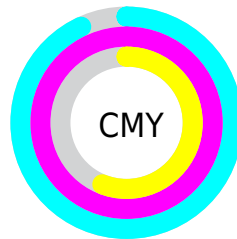
- Red (7%)
- Green (0%)
- Blue (44%)



- Red (7%)
- Yellow (0%)
- Blue (44%)



- Cyan (84%)
- Magenta (99%)
- Yellow (0%)
- Black (56%)



- Cyan (93%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7370, 45.9787, -0.6463 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 18.7370, 45.9787, -0.6463 by changing the saturation by 10% instead.

■ 18.7370, 45.9787,
-0.6463

■ 18.7370, 45.9787,
-0.6463

■ 242.6730, 6.0772,
10.8108

■ 9.9180, 38.0014,
-8.6981

■ 72.9770, 45.3673,
8.7902

■ 8.2420, 26.5027,
-7.2282

■ 98.6290, 46.5249,
10.8494

■ 6.3210, 16.6037,
-5.5435

■ 125.1670, 47.2457,
13.0085

■ 2.5250, 7.1362,
-2.2144

■ 151.5200, 48.5506,
14.4530

■ 0.0000, 0.0000,
0.0000

■ 176.6100, 38.6463,
17.8820

■ 201.1300, 26.5579,

21.8110

■ 226.2370, 14.1802,
25.2252

■ 18.7370, 45.9787,
-0.6463

■ 18.7370, 45.9787,
-0.6463

■ 17.8510, 46.4155,
-0.7463

■ 27.8850, 41.4687,
-0.7761

■ 37.3320, 36.8113,
-0.2912

■ 47.0670, 32.0120,
-0.9358

■ 56.5140, 27.3546,
-0.4508

■ 65.6620, 22.8446,
-0.5806

■ 75.1090, 18.1873,
-0.0956

■ 84.2570, 13.6773,
-0.2254

■ 94.2910, 8.7305,
-0.2552

■ 103.4390, 4.2206,
-0.3850

Harmonies

Analogous

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



37.4680, 47.0973, -32.8594



18.7370, 45.9787, -0.6463



35.1890, 17.1618, 48.9462

Triad

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



18.7370, 45.9787, -0.6463



23.5550, -11.6126, 38.1013



31.0890, 4.8861, -27.2651

Complementary

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



18.7370, 45.9787, -0.6463



94.2630, -45.9787, 0.6463

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.



25.8280, -12.7332, -22.6512



18.7370, 45.9787, -0.6463



28.0420, -13.8247, 0.8402

Square

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



18.7370, 45.9787, -0.6463



28.1060, -13.8563, 57.7890



24.6540, -12.1544, -21.6216



37.8490, 25.7104, -33.1936

Rectangle

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



18.7370, 45.9787, -0.6463



35.4280, 1.2680, 60.1376



24.6540, -12.1544, -21.6216



28.5640, -2.2501, -25.0506

Sweetspot

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



18.7370, 45.9787, -0.6463



108.6960, 17.8979, -0.6104



68.8320, 21.2818, -59.4887



51.2740, 11.2039, -0.2403



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.



18.7370, 45.9787, -0.6463



23.1080, 60.0928, -0.9717



35.1820, 37.8713, 33.1664



50.9830, 2.4734, 0.0149



19.0620, 49.7624, -0.9314



39.5200, 102.2876, -1.3330

Inverse Universe

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



44.9050, 24.6968, 58.8423



57.3770, 32.3521, 76.8454



77.8180, -37.8713, -33.1664



52.3640, 1.2995, 3.1888



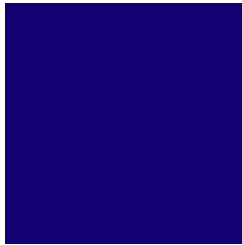
47.3940, 26.4278, 63.6755



97.6790, 54.8813, 130.9545

Previews

White Background



This preview shows how the YUV color 18.7370, 45.9787, -0.6463 looks on a white background.

Color Contrast Check

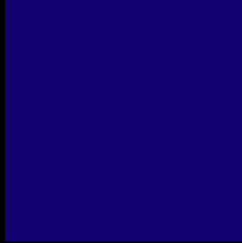
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7370, 45.9787, -0.6463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

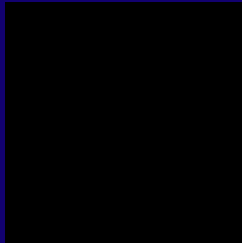
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7370, 45.9787, -0.6463

Background



This preview shows how black text looks on a background with the YUV color 18.7370, 45.9787, -0.6463.



This preview shows how white text looks on a background with the YUV color 18.7370, 45.9787, -0.6463.

-0.6463.

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

18.7370, 45.9787, -0.6463

Protanopia

27.9380, 20.7366, -24.5016

Deuteranopia

27.9720, 15.7898, -24.5314



Tritanopia

27.4530, 6.1857, -24.0763

Trichromacy



Original Color

18.7370, 45.9787, -0.6463

Protanomaly

24.6970, 29.7294, -15.5203

Deuteranomaly

24.6000, 26.8192, -15.4352

Tritanomaly

24.2920, 20.5620, -15.1651

Monochromacy



Original Color

18.7370, 45.9787, -0.6463

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7670, 16.8769, 0.2043

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7370, 45.9787, -0.6463 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(18, 1, 112)` looks like.

```
.text, #text, p{  
    color:rgb(18, 1, 112)  
}
```

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(18, 1, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 1, 112) }
```

Border

The CSS property to change the border of an element to YUV 18.7370, 45.9787, -0.6463 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(18, 1, 112) }
```


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

```
.border{ border-color:rgb(18, 1, 112) }
```

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

Here you see how a box with a 4 pixel rgb(18, 1, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 1, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 1, 112);  
box-shadow:4px 4px 4px 4px rgb(18, 1, 112)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.7370, 45.9787, -0.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 1, 112) }
```

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

```
.background{ background-color: rgb(18, 1,  
112) }
```

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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