

Converting Colors

YUV(62.3770, 15.0971, 11.0704)

Have a look what the booklet for
YUV(62.3770, 15.0971, 11.0704)
contains.

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Color

**YUV(62.3770, 15.0971,
11.0704)**

Conversions

Conversions Part 1

Format	Color
Hex	4B325D
RGB	75, 50, 93
RGB Percent	29%, 20%, 36%
CMY	0.7059, 0.8039, 0.6353
CMYK	0.19, 0.46, 0.00, 0.64
HSL	275°, 30%, 28%
HSV	275°, 46%, 36%
XYZ	6.0180, 4.5674, 10.9203
YIQ	62.3770, 1.0970, 18.6730

Conversions

Conversions Part 2

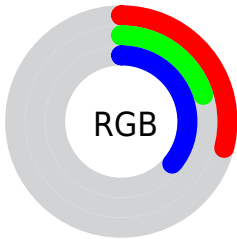
Format	Color
RYB	75, 50, 93
Decimal	4928093
CIELab	25.46, 20.56, -21.43
CIELCh	25, 29.697, 313.808
Yxy	4.5674, 0.2798, 0.2124
Android (android.graphics.Color)	4283118173 (0xFF4B325D)
YUV	62.3770, 15.0971, 11.0704
Hunter-Lab	21.3714, 12.8643, -15.3359

Details

The YUV color **62.3770, 15.0971, 11.0704** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.6230, -15.0971, -11.0704**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7300, 16.4021, 12.5148**, and **17.8500, 14.3709, 10.6555** is the 20% darker color. If you saturate the color by 10%, you get **55.8980, 18.2913, 13.2445**, and if you desaturate by 10%, it is **68.8560, 11.9030, 8.8963**.

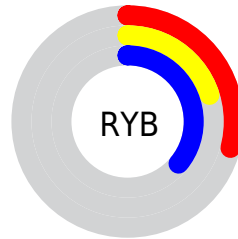
Distribution



Red (29%)

Green (20%)

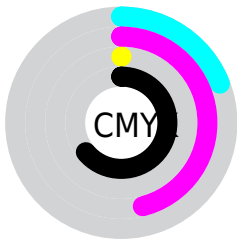
Blue (36%)



Red (29%)

Yellow (20%)

Blue (36%)

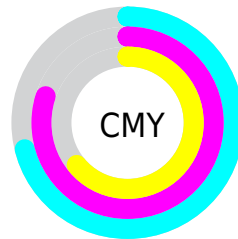


Cyan (19%)

Magenta (46%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (80%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3770, 15.0971, 11.0704 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 62.3770, 15.0971, 11.0704 by changing the saturation by 10% instead.

■ 62.3770, 15.0971,
11.0704

■ 62.3770, 15.0971,
11.0704

■ 255.0000, 0.0000,
0.0000

■ 39.8500, 14.3709,
10.6555

■ 110.7300, 16.4021,
12.5148

■ 17.8500, 14.3709,
10.6555

■ 136.1430, 16.6915,
13.0296

■ 3.5510, 11.0674,
-3.1142

■ 162.5560, 16.9809,
13.5444

■ 0.0000, 0.0000,
0.0000

■ 190.0830, 17.7071,
13.9592

■ 217.4960, 17.9965,
14.4740

■ 240.3250, 7.2348,

12.8700

■ 62.3770, 15.0971,
11.0704

■ 62.3770, 15.0971,
11.0704

■ 55.8980, 18.2913,
13.2445

■ 68.8560, 11.9030,
8.8963

■ 48.8320, 21.7748,
15.9333

■ 75.9220, 8.4195,
6.2074

■ 42.3530, 24.9690,
18.1074

■ 82.4010, 5.2253,
4.0333

■ 35.8740, 28.1631,
20.2815

■ 88.8800, 2.0312,
1.8592

■ 29.1070, 31.4992,
23.5852

■ 95.6470, -1.3050,
-1.4444

■ 26.7480, 32.6622,
23.9000

■ 102.1260, -4.4991,
-3.6185

■ 108.6050, -7.6933,
-5.7926

■ 115.0840,
-10.8874, -7.9667

■ 122.1500,
-14.3710, -10.6556

Harmonies

Analogous

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



57.8510, 22.7515, -17.4093



62.3770, 15.0971, 11.0704



61.3810, 5.7282, 29.4839

Triad

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



62.3770, 15.0971, 11.0704



58.8120, -21.5993, 21.2129



49.6570, 10.0291, -43.5492

Complementary

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



62.3770, 15.0971, 11.0704



80.6230, -15.0971, -11.0704

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.



47.0350, -0.0173, -41.2497



62.3770, 15.0971, 11.0704



56.7130, -21.5505, 5.5137

Square

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



62.3770, 15.0971, 11.0704



59.4250, -14.5065, 32.9533



53.9430, -13.7759, -14.8590



51.4640, 19.4912, -45.1339

Rectangle

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



62.3770, 15.0971, 11.0704



60.2910, -1.1295, 35.7018



53.9430, -13.7759, -14.8590



48.8590, 6.9715, -42.8493

Sweetspot

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



62.3770, 15.0971, 11.0704



107.9280, 5.9515, 4.4481



66.0550, 13.2839, -14.0802



53.9340, 3.4835, 2.6889



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



62.3770, 15.0971, 11.0704



72.8860, 23.2272, 16.7630



67.4170, 11.1334, 22.4363



42.4670, 1.7418, 1.3444



31.6760, 38.6137, 28.3481



68.2800, 83.1790, 61.1444

Inverse Universe

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



64.9090, 1.5239, 24.6358



76.9260, 2.5015, 37.7759



75.5830, -11.1334, -22.4363



42.7230, 0.1366, 2.8739



38.1340, 3.8779, 63.0265



82.1490, 8.3075, 135.8043

Previews

White Background



This preview shows how the YUV color 62.3770, 15.0971, 11.0704 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 62.3770, 15.0971, 11.0704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

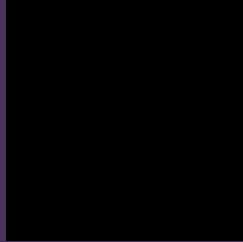
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3770, 15.0971, 11.0704

Background



This preview shows how black text looks on a background with the YUV color 62.3770, 15.0971, 11.0704.



This preview shows how white text looks on a background with the YUV color 62.3770, 15.0971,

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

62.3770, 15.0971, 11.0704

Protanopia

59.0040, 20.7040, -14.0355

Deuteranopia

59.6470, 15.4570, -11.0914



Tritanopia

61.4570, 0.2677, 7.4922

Trichromacy



Original Color

62.3770, 15.0971, 11.0704

Protanomaly

60.4890, 18.4929, -4.8139

Deuteranomaly

60.4030, 15.5773, -2.9844

Tritanomaly

61.5480, 5.6458, 9.1664

Monochromacy



Original Color

62.3770, 15.0971, 11.0704

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.4010, 5.2253, 4.0333

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3770, 15.0971, 11.0704 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(75, 50, 93)` looks like.

```
.text, #text, p{  
    color:rgb(75, 50, 93)  
}
```

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(75, 50, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 50, 93) }
```

Border

The CSS property to change the border of an element to YUV 62.3770, 15.0971, 11.0704 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(75, 50, 93) }
```


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

```
.border{ border-color:rgb(75, 50, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 50, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 50, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 50, 93);  
box-shadow:4px 4px 4px 4px rgb(75, 50, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.3770, 15.0971, 11.0704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 50, 93) }
```

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

```
.background{ background-color: rgb(75, 50,  
93) }
```

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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