

Converting Colors

YUV(102.6060, 11.0402, 5.6075)

Have a look what the booklet for
YUV(102.6060, 11.0402, 5.6075)
contains.

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Color

**YUV(102.6060, 11.0402,
5.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5F7D
RGB	109, 95, 125
RGB Percent	43%, 37%, 49%
CMY	0.5725, 0.6275, 0.5098
CMYK	0.13, 0.24, 0.00, 0.51
HSL	268°, 14%, 43%
HSV	268°, 24%, 49%
XYZ	14.1006, 12.9163, 21.1520
YIQ	102.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

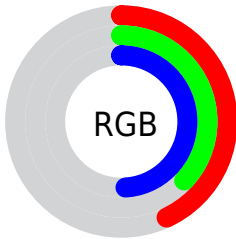
Format	Color
R_{YB}	109, 95, 125
Decimal	7167869
CIE _{Lab}	42.64, 11.94, -14.73
CIE _{LCh}	43, 18.967, 309.031
Yxy	12.9163, 0.2927, 0.2681
Android (android.graphics.Color)	4285357949 (0xFF6D5F7D)
YUV	102.6060, 11.0402, 5.6075
Hunter-Lab	35.9392, 7.1397, -9.7375

Details

The YUV color **102.6060, 11.0402, 5.6075** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.3940, -11.0402, -5.6075**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5460, 12.0558, 6.5372**, and **55.6660, 10.0247, 4.6779** is the 20% darker color. If you saturate the color by 10%, you get **92.8820, 15.8342, 7.9965**, and if you desaturate by 10%, it is **112.3300, 6.2463, 3.2186**.

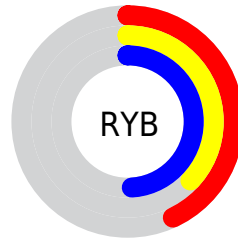
Distribution



Red (43%)

Green (37%)

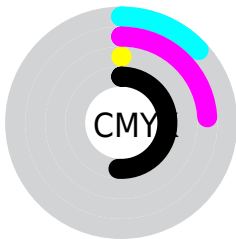
Blue (49%)



Red (43%)

Yellow (37%)

Blue (49%)

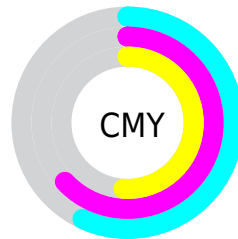


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (63%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.6060, 11.0402, 5.6075 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 102.6060, 11.0402, 5.6075 by changing the saturation by 10% instead.

■ 102.6060, 11.0402,
5.6075

■ 102.6060, 11.0402,
5.6075

■ 255.0000, 0.0000,
0.0000

■ 78.4920, 10.6034,
5.7075

■ 153.5460, 12.0558,
6.5372

■ 55.6660, 10.0247,
4.6779

■ 180.5460, 12.0558,
6.5372

■ 34.1390, 9.2985,
4.2631

■ 207.9590, 12.3452,
7.0520

■ 10.8020, 10.4506,
8.0666

■ 235.2750, 9.7244,
7.6518

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 102.6060, 11.0402,
5.6075

■ 102.6060, 11.0402,
5.6075

■ 92.8820, 15.8342,
7.9965

■ 112.3300, 6.2463,
3.2186

■ 84.0440, 20.1913,
10.4854

■ 121.1680, 1.8892,
0.7297

■ 74.3200, 24.9852,
12.8744

■ 130.8920, -2.9048,
-1.6593

■ 65.1830, 29.4898,
14.7485

■ 140.0290, -7.4093,
-3.5334

■ 56.3450, 33.8469,
17.2374

■ 149.4540,
-12.0558, -6.5372

■ 46.6210, 38.6408,
19.6264

■ 158.5910,
-16.5604, -8.4113

■ 37.4840, 43.1454,
21.5005


■ 167.7280,
-21.0649, -10.2855

■ 31.5920, 46.0501,

■ 177.1530,

23.1598

-25.7114, -13.2892

 186.8770,
-30.5054, -15.6781

Harmonies

Analogous

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



100.5330, 15.0202, -10.9914



102.6060, 11.0402, 5.6075



103.5600, 4.1609, 18.8029

Triad

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



102.6060, 11.0402, 5.6075



100.7390, -14.1683, 17.7689



92.9960, 5.9180, -31.5685

Complementary

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



102.6060, 11.0402, 5.6075



117.3940, -11.0402, -5.6075

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.



95.0700, -2.9925, -20.2324



102.6060, 11.0402, 5.6075



99.2600, -14.4252, 6.7880

Square

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



102.6060, 11.0402, 5.6075



101.6350, -9.6801, 24.8761



97.7960, -10.7454, -6.8371



92.9230, 13.3490, -35.0125

Rectangle

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



102.6060, 11.0402, 5.6075



102.7410, -0.3653, 23.9061



97.7960, -10.7454, -6.8371



93.6220, 3.1444, -28.6095

Sweetspot

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



102.6060, 11.0402, 5.6075



154.7490, 4.0677, 1.9741



107.8120, 8.4737, -11.2361



76.6950, 2.6154, 1.1445



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



102.6060, 11.0402, 5.6075



127.9360, 17.2866, 8.8261



107.0910, 8.8291, 14.8292



58.6950, 2.6154, 1.1445



32.5320, 47.0657, 24.0894



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.7940, 2.5666, 16.8437



132.9030, 3.9918, 26.3951



112.9090, -8.8291, -14.8292



59.5490, 0.7153, 3.9035



46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 102.6060, 11.0402, 5.6075 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 102.6060, 11.0402, 5.6075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

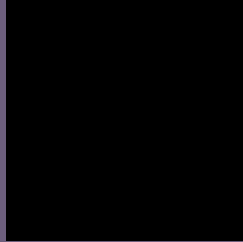
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.6060, 11.0402, 5.6075

Background



This preview shows how black text looks on a background with the YUV color 102.6060, 11.0402, 5.6075.

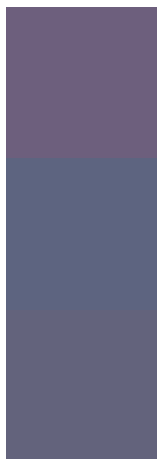


This preview shows how white text looks on a background with the YUV color 102.6060, 11.0402,

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

102.6060, 11.0402, 5.6075

Protanopia

101.0990, 13.2622, -7.1028

Deuteranopia

101.8500, 10.9200, -2.4994



Tritanopia

101.3040, 2.3151, 4.1184

Trichromacy



Original Color

102.6060, 11.0402, 5.6075

Protanomaly

101.6050, 12.5197, -2.2846

Deuteranomaly

102.4590, 10.6197, 0.4745

Tritanomaly

101.8140, 5.5147, 4.5481

Monochromacy



Original Color

102.6060, 11.0402, 5.6075

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.6060, 11.0402, 5.6075 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(109, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 125)  
}
```

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(109, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 125) }
```

Border

The CSS property to change the border of an element to YUV 102.6060, 11.0402, 5.6075 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(109, 95, 125) }
```


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

```
.border{ border-color:rgb(109, 95, 125) }
```

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

Here you see how a box with a 4 pixel rgb(109, 95, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(109, 95,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 102.6060, 11.0402, 5.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 125) }
```

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

```
.background{ background-color: rgb(109, 95,  
125) }
```

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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