

Converting Colors

YUV(63.3670, 10.1721, 4.0631)

Have a look what the booklet for
YUV(63.3670, 10.1721, 4.0631)
contains.

YUV(63.3670, 10.1721, 4.0631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.3670, 10.1721,
4.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	443954
RGB	68, 57, 84
RGB Percent	27%, 22%, 33%
CMY	0.7333, 0.7765, 0.6706
CMYK	0.19, 0.32, 0.00, 0.67
HSL	264°, 19%, 28%
HSV	264°, 32%, 33%
XYZ	5.4473, 4.7953, 9.0260
YIQ	63.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

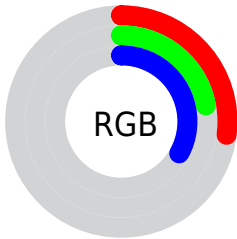
Format	Color
R_{YB}	68, 57, 84
Decimal	4471124
CIE _{Lab}	26.14, 11.12, -14.54
CIE _{LCh}	26, 18.309, 307.406
Yxy	4.7953, 0.2827, 0.2489
Android (android.graphics.Color)	4282661204 (0xFF443954)
YUV	63.3670, 10.1721, 4.0631
Hunter-Lab	21.8982, 6.0808, -9.1095

Details

The YUV color **63.3670, 10.1721, 4.0631** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77.6330, -10.1721, -4.0631**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3070, 11.1876, 4.9928**, and **20.4270, 9.1565, 3.1335** is the 20% darker color. If you saturate the color by 10%, you get **57.1760, 13.2242, 5.1076**, and if you desaturate by 10%, it is **69.5580, 7.1199, 3.0186**.

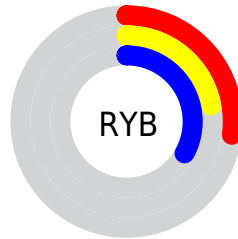
Distribution



 Red (27%)

 Green (22%)

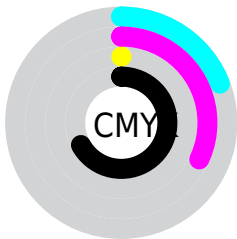
 Blue (33%)



 Red (27%)

 Yellow (22%)

 Blue (33%)

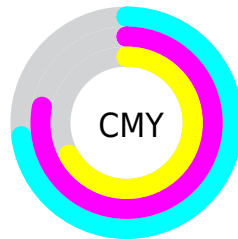


 Cyan (19%)

 Magenta (32%)

 Yellow (0%)

 Black (67%)



 Cyan (73%)

 Magenta (78%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3670, 10.1721, 4.0631 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 63.3670, 10.1721, 4.0631 by changing the saturation by 10% instead.

■ 63.3670, 10.1721,
4.0631

■ 63.3670, 10.1721,
4.0631

■ 255.0000, 0.0000,
0.0000

■ 40.9540, 9.8827,
3.5483

■ 111.3070, 11.1876,
4.9928

■ 20.4270, 9.1565,
3.1335

■ 136.4210, 11.6244,
4.8928

■ 2.6390, 7.5730,
-2.3144

■ 162.8340, 11.9138,
5.4076

■ 0.0000, 0.0000,
0.0000

■ 189.9480, 12.3506,
5.3076

■ 217.9480, 12.3506,
5.3076

■ 244.4230, 5.2145,

7.5220

■ 63.3670, 10.1721,
4.0631

■ 63.3670, 10.1721,
4.0631

■ 57.1760, 13.2242,
5.1076

■ 69.5580, 7.1199,
3.0186

■ 50.3980, 16.5658,
6.6670

■ 76.3360, 3.7784,
1.4593

■ 44.2070, 19.6179,
7.7115

■ 82.5270, 0.7262,
0.4148

■ 37.4290, 22.9595,
9.2708

■ 89.3050, -2.6154,
-1.1445

■ 31.2380, 26.0117,
10.3153

■ 95.4960, -5.6675,
-2.1890

■ 25.0470, 29.0638,
11.3598

■ 101.6870, -8.7197,
-3.2335

■ 19.7420, 31.6792,
12.5043

■ 108.4650,
-12.0612, -4.7928

■ 114.6560,
-15.1134, -5.8373

■ 121.4340,
-18.4550, -7.3966

Harmonies

Analogous

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



60.5930, 14.0047, -11.9211



63.3670, 10.1721, 4.0631



63.9510, 4.4612, 15.8290

Triad

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



63.3670, 10.1721, 4.0631



61.4830, -12.5631, 16.2394



52.6970, 6.0654, -32.1833

Complementary

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



63.3670, 10.1721, 4.0631



77.6330, -10.1721, -4.0631

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.



56.4940, -2.7085, -17.9732



63.3670, 10.1721, 4.0631



60.6020, -13.1148, 6.4880

Square

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



63.3670, 10.1721, 4.0631



62.6670, -8.2168, 22.2170



59.0350, -9.8773, -5.2927



50.5910, 13.5126, -40.8603

Rectangle

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



63.3670, 10.1721, 4.0631



63.2460, 0.3717, 20.8323



59.0350, -9.8773, -5.2927



54.2200, 2.8495, -27.3799

Sweetspot

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



63.3670, 10.1721, 4.0631



101.4500, 4.2151, 1.3593



69.4700, 7.1633, -10.9362



50.6950, 2.6154, 1.1445



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



63.3670, 10.1721, 4.0631



76.9850, 16.2764, 6.1522



67.2540, 8.2558, 12.0552



37.7550, 1.5998, 0.2149



24.8270, 39.5253, 15.9377



54.8530, 87.3335, 35.2089

Inverse Universe

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



66.8970, 3.0088, 14.9993



82.7070, 4.5814, 23.9360



73.7460, -8.2558, -12.0552



38.4240, 0.2840, 2.2592



38.4630, 11.6037, 58.3529



85.1000, 26.0797, 128.8313

Previews

White Background



This preview shows how the YUV color 63.3670, 10.1721, 4.0631 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 63.3670, 10.1721, 4.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

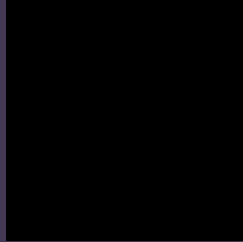
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3670, 10.1721, 4.0631

Background



This preview shows how black text looks on a background with the YUV color 63.3670, 10.1721, 4.0631.



This preview shows how white text looks on a background with the YUV color 63.3670, 10.1721,

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

63.3670, 10.1721, 4.0631

Protanopia

61.8710, 12.3886, -6.9029

Deuteranopia

62.0130, 10.3466, -5.2734



Tritanopia

62.6520, 1.1576, 2.0592

Trichromacy



Original Color

63.3670, 10.1721, 4.0631

Protanomaly

62.6650, 11.5042, -3.2142

Deuteranomaly

62.6220, 10.0464, -2.2995

Tritanomaly

63.1620, 4.3571, 2.4889

Monochromacy



Original Color

63.3670, 10.1721, 4.0631

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3360, 3.7784, 1.4593

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3670, 10.1721, 4.0631 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(68, 57, 84)` looks like.

```
.text, #text, p{  
    color:rgb(68, 57, 84)  
}
```

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(68, 57, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 57, 84) }
```

Border

The CSS property to change the border of an element to YUV 63.3670, 10.1721, 4.0631 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(68, 57, 84) }
```


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

```
.border{ border-color:rgb(68, 57, 84) }
```

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

Here you see how a box with a 4 pixel rgb(68, 57, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 57, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 57, 84);  
box-shadow:4px 4px 4px 4px rgb(68, 57, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.3670, 10.1721, 4.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 57, 84) }
```

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

```
.background{ background-color: rgb(68, 57,  
84) }
```

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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