

Converting Colors

YUV(63.7420, 8.0152, -4.1587)

Have a look what the booklet for
YUV(63.7420, 8.0152, -4.1587)
contains.

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Color

**YUV(63.7420, 8.0152,
-4.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3F50
RGB	59, 63, 80
RGB Percent	23%, 25%, 31%
CMY	0.7686, 0.7529, 0.6863
CMYK	0.26, 0.21, 0.00, 0.69
HSL	229°, 15%, 27%
HSV	229°, 26%, 31%
XYZ	5.0291, 5.0640, 8.3018
YIQ	63.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

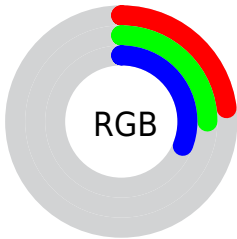
Format	Color
R_{YB}	59, 62, 80
Decimal	3882832
CIE _{Lab}	26.92, 2.73, -10.81
CIE _{LCh}	27, 11.152, 284.148
Yxy	5.0640, 0.2734, 0.2753
Android (android.graphics.Color)	4282072912 (0xFF3B3F50)
YUV	63.7420, 8.0152, -4.1587
Hunter-Lab	22.5033, 0.5108, -6.1206

Details

The YUV color **63.7420, 8.0152, -4.1587** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.2580, -8.0152, 4.1587**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8560, 8.4520, -4.2587**, and **21.1010, 6.8522, -4.4736** is the 20% darker color. If you saturate the color by 10%, you get **57.8280, 10.9308, -5.9882**, and if you desaturate by 10%, it is **69.6560, 5.0996, -2.3293**.

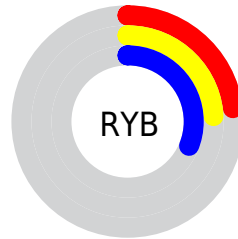
Distribution



Red (23%)

Green (25%)

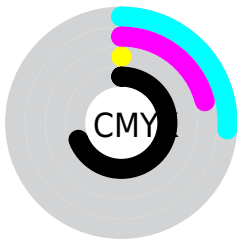
Blue (31%)



Red (23%)

Yellow (24%)

Blue (31%)

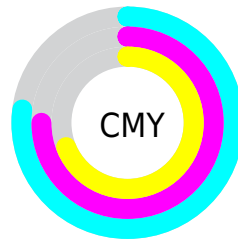


Cyan (26%)

Magenta (21%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (75%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7420, 8.0152, -4.1587 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 63.7420, 8.0152, -4.1587 by changing the saturation by 10% instead.

■ 63.7420, 8.0152,
-4.1587

■ 63.7420, 8.0152,
-4.1587

■ 255.0000, 0.0000,
0.0000

■ 41.6280, 7.5784,
-4.0588

■ 111.8560, 8.4520,
-4.2587

■ 21.1010, 6.8522,
-4.4736

■ 136.9700, 8.8888,
-4.3587

■ 2.0690, 5.3890,
-1.8145

■ 163.0840, 9.3256,
-4.4587

■ 0.0000, 0.0000,
0.0000

■ 190.1980, 9.7624,
-4.5586

■ 218.1980, 9.7624,
-4.5586

■ 244.9440, 4.9576,

-3.4589

■ 63.7420, 8.0152,
-4.1587

■ 63.7420, 8.0152,
-4.1587

■ 57.8280, 10.9308,
-5.9882

■ 69.6560, 5.0996,
-2.3293

■ 51.3270, 14.1358,
-7.3028

■ 76.1570, 1.8946,
-1.0147

■ 45.4130, 17.0514,
-9.1322

■ 82.0710, -1.0210,
0.8147

■ 38.9120, 20.2564,
-10.4468

■ 88.5720, -4.2260,
2.1294

■ 32.9980, 23.1720,
-12.2762

■ 94.4860, -7.1416,
3.9588

■ 26.4970, 26.3770,
-13.5909

■ 100.9870,
-10.3466, 5.2734

■ 20.5830, 29.2926,
-15.4203

■ 106.9010,
-13.2622, 7.1028

■ 17.9250, 30.6030,
-15.7202

■ 113.4020,
-16.4672, 8.4174

■ 119.3160,
-19.3828, 10.2469

Harmonies

Analogous

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



62.2140, 8.7685, -12.4657



63.7420, 8.0152, -4.1587



64.8140, 5.5147, 4.5481

Triad

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



63.7420, 8.0152, -4.1587



64.4810, -6.1531, 13.6102



60.6950, -0.8356, -12.0105

Complementary

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



63.7420, 8.0152, -4.1587



75.2580, -8.0152, 4.1587

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.



61.8870, -5.3673, -5.1629



63.7420, 8.0152, -4.1587



63.8780, -8.3209, 8.8770

Square

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



63.7420, 8.0152, -4.1587



65.1050, -2.5168, 13.9399



62.6600, -7.7204, 2.9292



59.8130, 3.5432, -16.4990

Rectangle

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



63.7420, 8.0152, -4.1587



65.4510, 2.7357, 9.2515



62.6600, -7.7204, 2.9292



61.2500, -2.5882, -9.8663

Sweetspot

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



63.7420, 8.0152, -4.1587



98.2000, 3.3524, -1.9294



73.2650, 1.3484, -12.5104



49.2710, 2.3314, -1.1147



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



63.7420, 8.0152, -4.1587



78.3980, 13.1148, -6.4880



63.1880, 8.2883, 1.5891



37.4560, 1.7472, -0.3999



23.7100, 40.0760, -20.7937



52.2760, 88.6039, -45.8461

Inverse Universe

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



65.7350, -1.3484, 12.5104



81.8500, -2.3911, 20.3025



75.8120, -8.2883, -1.5891



38.1960, -0.5896, 2.4591



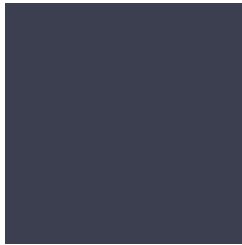
33.6750, -6.7418, 62.5520



74.3840, -14.9793, 138.2292

Previews

White Background



This preview shows how the YUV color 63.7420, 8.0152, -4.1587 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 63.7420, 8.0152, -4.1587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

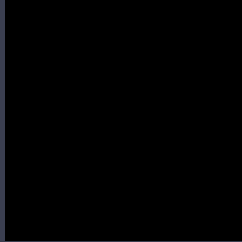
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7420, 8.0152, -4.1587

Background



This preview shows how black text looks on a background with the YUV color 63.7420, 8.0152, -4.1587.



This preview shows how white text looks on a background with the YUV color 63.7420, 8.0152, -4.1587.

-4.1587.

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

63.7420, 8.0152, -4.1587

Protanopia

63.7420, 8.0152, -4.1587

Deuteranopia

63.7530, 8.0098, -2.4144



Tritanopia

63.1780, 3.3632, -5.4181

Trichromacy



Original Color

63.7420, 8.0152, -4.1587

Protanomaly

63.7420, 8.0152, -4.1587

Deuteranomaly

63.4540, 8.1572, -3.0292

Tritanomaly

63.3460, 5.2524, -4.6884

Monochromacy



Original Color

63.7420, 8.0152, -4.1587

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7420, 8.0152, -4.1587 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(59, 63, 80)` looks like.

```
.text, #text, p{  
    color:rgb(59, 63, 80)  
}
```

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(59, 63, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 63, 80) }
```

Border

The CSS property to change the border of an element to YUV 63.7420, 8.0152, -4.1587 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(59, 63, 80) }
```


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

```
.border{ border-color:rgb(59, 63, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 63, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 63, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 63, 80);  
box-shadow:4px 4px 4px 4px rgb(59, 63, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7420, 8.0152, -4.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 63, 80) }
```

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

```
.background{ background-color: rgb(59, 63,  
80) }
```

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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