

Converting Colors

YUV(75.0410, 7.8678, -3.5440)

Have a look what the booklet for
YUV(75.0410, 7.8678, -3.5440)
contains.

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Color

**YUV(75.0410, 7.8678,
-3.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	474A5B
RGB	71, 74, 91
RGB Percent	28%, 29%, 36%
CMY	0.7216, 0.7098, 0.6431
CMYK	0.22, 0.19, 0.00, 0.64
HSL	231°, 12%, 32%
HSV	231°, 22%, 36%
XYZ	6.9356, 6.9925, 10.8817
YIQ	75.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

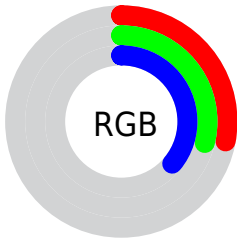
Format	Color
R_YB	71, 74, 91
Decimal	4672091
CIE Lab	31.79, 2.95, -10.42
CIE LCh	32, 10.826, 285.804
Yxy	6.9925, 0.2796, 0.2818
Android (android.graphics.Color)	4282862171 (0xFF474A5B)
YUV	75.0410, 7.8678, -3.5440
Hunter-Lab	26.4433, 0.5418, -5.8881

Details

The YUV color **75.0410, 7.8678, -3.5440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **86.9590, -7.8678, 3.5440**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1550, 8.3046, -3.6439**, and **30.8130, 6.9942, -3.3440** is the 20% darker color. If you saturate the color by 10%, you get **67.6540, 11.5096, -4.9586**, and if you desaturate by 10%, it is **82.4280, 4.2260, -2.1294**.

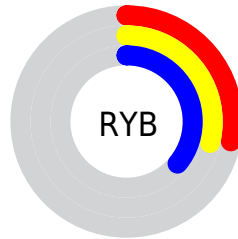
Distribution



Red (28%)

Green (29%)

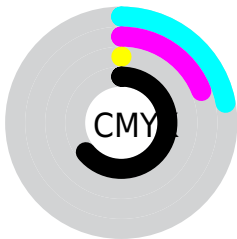
Blue (36%)



Red (28%)

Yellow (29%)

Blue (36%)

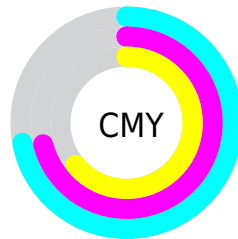


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0410, 7.8678, -3.5440 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 75.0410, 7.8678, -3.5440 by changing the saturation by 10% instead.

■ 75.0410, 7.8678,
-3.5440

■ 75.0410, 7.8678,
-3.5440

■ 255.0000, 0.0000,
0.0000

■ 52.0410, 7.8678,
-3.5440

■ 124.1550, 8.3046,
-3.6439

■ 30.8130, 6.9942,
-3.3440

■ 149.3830, 9.1782,
-3.8439

■ 6.3830, 9.1782,
-3.8439

■ 176.3830, 9.1782,
-3.8439

■ 0.0000, 0.0000,
0.0000

■ 203.4970, 9.6150,
-3.9439

■ 231.7960, 9.4676,
-3.3291

■ 75.0410, 7.8678,
-3.5440

■ 75.0410, 7.8678,
-3.5440

■ 67.6540, 11.5096,
-4.9586

■ 82.4280, 4.2260,
-2.1294

■ 60.8540, 14.8620,
-6.8880

■ 89.2280, 0.8736,
-0.2000

■ 53.4670, 18.5038,
-8.3026

■ 96.6150, -2.7682,
1.2146

■ 46.0800, 22.1456,
-9.7172

■ 104.0020, -6.4100,
2.6292

■ 38.3940, 25.9348,
-11.7465

■ 111.6880,
-10.1992, 4.6586

■ 31.5940, 29.2872,
-13.6759

■ 118.4880,
-13.5516, 6.5880

■ 24.2070, 32.9289,
-15.0905

■ 125.8750,
-17.1934, 8.0026

■ 18.5920, 35.6971,

■ 133.2620,

-16.3052

-20.8352, 9.4172

■ 140.6490,
-24.4770, 10.8318

Harmonies

Analogous

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



73.5130, 8.6211, -11.8509



75.0410, 7.8678, -3.5440



76.1130, 5.3673, 5.1629

Triad

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



75.0410, 7.8678, -3.5440



75.4810, -6.1531, 13.6102



71.6950, -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.



75.0410, 7.8678, -3.5440



86.9590, -7.8678, 3.5440

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.



73.0010, -4.9305, -5.2629



75.0410, 7.8678, -3.5440



74.9920, -7.8841, 8.7770

Square

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



75.0410, 7.8678, -3.5440



76.1050, -2.5168, 13.9399



74.2470, -8.0098, 2.4144



71.5140, 3.6906, -17.1138

Rectangle

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



75.0410, 7.8678, -3.5440



76.4510, 2.7357, 9.2515



74.2470, -8.0098, 2.4144



72.3640, -2.1515, -9.9662

Sweetspot

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



75.0410, 7.8678, -3.5440



110.4990, 3.2050, -1.3146



84.6780, 1.6377, -11.9956



55.1570, 1.8946, -1.0147



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.0410, 7.8678, -3.5440



92.7680, 11.9464, -5.0585



75.3730, 7.7041, 2.3039



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



48.1500, 93.1030, -42.2276

Inverse Universe

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



77.3220, -1.6377, 11.9956



96.4260, -2.6750, 18.0434



86.6270, -7.7041, -2.3039



42.6090, -0.3002, 2.9739



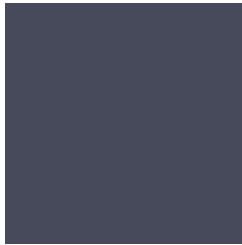
34.7140, -9.2260, 66.0258



74.9670, -19.2107, 142.1029

Previews

White Background



This preview shows how the YUV color 75.0410, 7.8678, -3.5440 looks on a white background.

Color Contrast Check

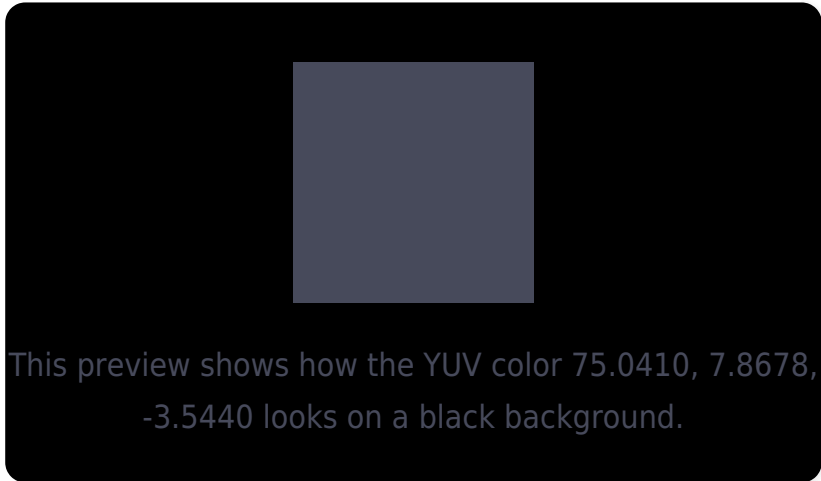
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

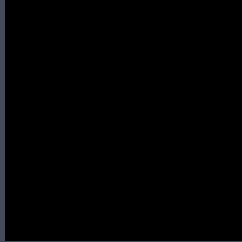
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

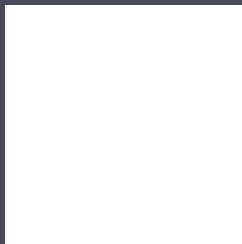
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 75.0410, 7.8678, -3.5440

Background



This preview shows how black text looks on a background with the YUV color 75.0410, 7.8678, -3.5440.



This preview shows how white text looks on a background with the YUV color 75.0410, 7.8678,

-3.5440.

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

75.0410, 7.8678, -3.5440

Protanopia

75.0410, 7.8678, -3.5440

Deuteranopia

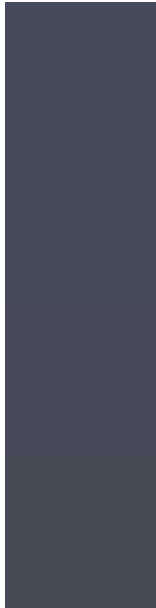
75.3510, 7.7150, -1.1848



Tritanopia

74.5910, 3.6526, -4.9033

Trichromacy



Original Color

75.0410, 7.8678, -3.5440

Protanomaly

75.0410, 7.8678, -3.5440

Deuteranomaly

75.0520, 7.8624, -1.7996

Tritanomaly

74.6450, 5.1050, -4.0737

Monochromacy



Original Color

75.0410, 7.8678, -3.5440

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3850, 2.7682, -1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0410, 7.8678, -3.5440 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(71, 74, 91)` looks like.

```
.text, #text, p{  
    color:rgb(71, 74, 91)  
}
```

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(71, 74, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 74, 91) }
```

Border

The CSS property to change the border of an element to YUV 75.0410, 7.8678, -3.5440 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(71, 74, 91) }
```


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

```
.border{ border-color:rgb(71, 74, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 74, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 74, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 74, 91);  
box-shadow:4px 4px 4px 4px rgb(71, 74, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.0410, 7.8678, -3.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 74, 91) }
```

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

```
.background{ background-color: rgb(71, 74,  
91) }
```

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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