

Converting Colors

YUV(75.5470, -6.1857, 24.0763)

Have a look what the booklet for
YUV(75.5470, -6.1857, 24.0763)
contains.

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Color

**YUV(75.5470, -6.1857,
24.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	67403F
RGB	103, 64, 63
RGB Percent	40%, 25%, 25%
CMY	0.5961, 0.7490, 0.7529
CMYK	0.00, 0.38, 0.39, 0.60
HSL	1°, 24%, 33%
HSV	1°, 39%, 40%
XYZ	8.3241, 6.9092, 5.5975
YIQ	75.5470, 23.5650, 7.9570

Conversions

Conversions Part 2

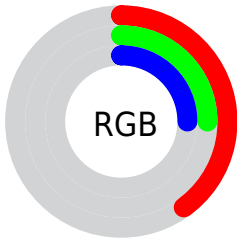
Format	Color
R_{YB}	103, 64, 63
Decimal	6766655
CIE Lab	31.60, 16.87, 7.70
CIE LCh	32, 18.548, 24.535
Yxy	6.9092, 0.3996, 0.3317
Android (android.graphics.Color)	4284956735 (0xFF67403F)
YUV	75.5470, -6.1857, 24.0763
Hunter-Lab	26.2854, 10.5282, 5.7739




Details

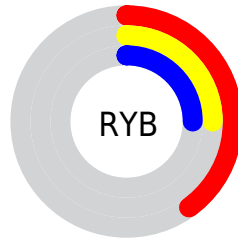
The YUV color **75.5470, -6.1857, 24.0763** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.4530, 6.1857, -24.0763**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.7430, -6.7753, 26.5354**, and **30.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **68.5370, -7.6597, 30.2241**, and if you desaturate by 10%, it is **82.5570, -4.7116, 17.9285**.

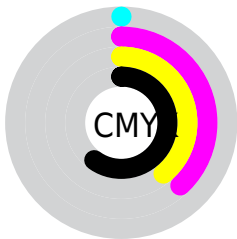
Distribution







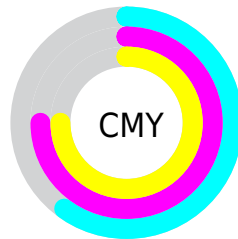
-  Red (40%)
-  Green (25%)
-  Blue (25%)






-  Red (40%)
-  Yellow (25%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (39%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (75%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5470, -6.1857, 24.0763 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 75.5470, -6.1857, 24.0763 by changing the saturation by 10% instead.

■ 75.5470, -6.1857,
24.0763

■ 75.5470, -6.1857,
24.0763

■ 255.0000, 0.0000,
0.0000

■ 52.6500, -5.7434,
22.2320

■ 124.7430, -6.7753,
26.5354

■ 30.2800, -4.5750,
20.8024

■ 151.2270, -7.5069,
27.8649

■ 10.1660, -5.0118,
20.9024

■ 177.8250, -7.8017,
29.0945

■ 0.0000, 0.0000,
0.0000

■ 205.4230, -8.0965,
30.3240

■ 229.5360, -6.1802,
22.3319

■ 249.7510, -2.3422,

4.6034

■ 75.5470, -6.1857,
24.0763

■ 75.5470, -6.1857,
24.0763

■ 68.5370, -7.6597,
30.2241

■ 82.5570, -4.7116,
17.9285

■ 61.4130, -9.5706,
36.4718

■ 89.6810, -2.8007,
11.6808

■ 54.4030, -11.0447,
42.6196

■ 96.6910, -1.3267,
5.5330

■ 47.3930, -12.5187,
48.7673

■ 103.7010, 0.1474,
-0.6148

■ 40.3830, -13.9928,
54.9151

■ 110.8250, 2.0583,
-6.8625

■ 33.2590, -15.9037,
61.1629

■ 117.8350, 3.5323,
-13.0103

■ 32.5580, -16.0511,
61.7776

■ 124.8450, 5.0064,
-19.1581

■ 131.8550, 6.4805,
-25.3058

■ 138.9790, 8.3914,
-31.5536

Harmonies

Analogous

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



76.6590, 0.6611, 21.3471



75.5470, -6.1857, 24.0763



75.0320, -11.8478, 20.1429

Triad

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



75.5470, -6.1857, 24.0763



69.9030, -6.3612, -13.0699



71.8910, 15.3367, -19.1984

Complementary

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



75.5470, -6.1857, 24.0763



90.4530, 6.1857, -24.0763

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.



66.8030, 15.3801, -33.1532



75.5470, -6.1857, 24.0763



67.5900, 1.6811, -25.9504

Square

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



75.5470, -6.1857, 24.0763



72.1990, -11.9301, -0.1745



65.1140, 10.2968, -36.0570



75.6050, 12.5197, -2.2846

Rectangle

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



75.5470, -6.1857, 24.0763



74.2440, -13.4313, 14.6950



65.1140, 10.2968, -36.0570



70.2710, 15.6424, -23.9167

Sweetspot

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



75.5470, -6.1857, 24.0763



123.7840, -2.3585, 9.8364



79.4060, 11.1388, 20.6919



61.9900, -1.4741, 6.1478



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



75.5470, -6.1857, 24.0763



91.4240, -9.5760, 38.2162



87.2870, -11.9735, 13.7803



47.4950, -0.7370, 3.0739



36.1460, -17.8200, 69.1550



75.8800, -37.4088, 145.6872

Inverse Universe

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



90.4530, 6.1857, -24.0763



115.5760, 9.5760, -38.2162



78.7130, 11.9735, -13.7803



49.5050, 0.7370, -3.0739



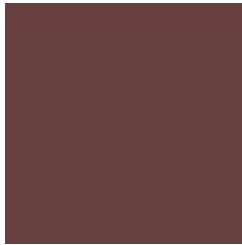
78.8540, 17.8200, -69.1550



166.1200, 37.4088, -145.6872

Previews

White Background



This preview shows how the YUV color 75.5470, -6.1857, 24.0763 looks on a white background.

Color Contrast Check

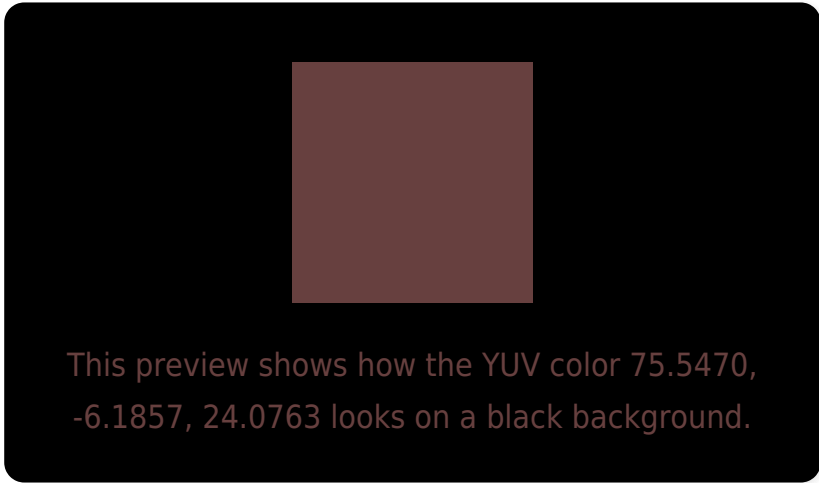
Large Text (above 18pt) WCAG AA ✓ Pass

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

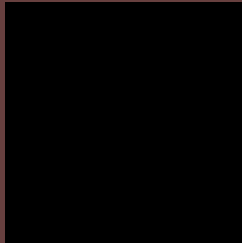
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5470, -6.1857, 24.0763

Background



This preview shows how black text looks on a background with the YUV color 75.5470, -6.1857, 24.0763.

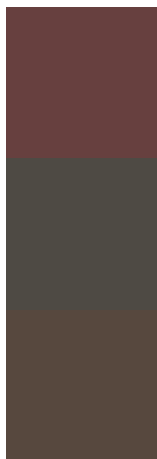


This preview shows how white text looks on a background with the YUV color 75.5470, -6.1857,

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

75.5470, -6.1857, 24.0763

Protanopia

74.5120, -3.2104, 3.0590

Deuteranopia

75.3450, -6.5791, 10.2214



Tritanopia

75.5300, -3.7123, 24.0912

Trichromacy



Original Color

75.5470, -6.1857, 24.0763

Protanomaly

74.6270, -4.2531, 10.8511

Deuteranomaly

75.3780, -6.5954, 15.4545

Tritanomaly

75.3020, -4.5859, 24.2911

Monochromacy



Original Color

75.5470, -6.1857, 24.0763

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0720, -2.5005, 8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5470, -6.1857, 24.0763 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(103, 64, 63)` looks like.

```
.text, #text, p{  
    color:rgb(103, 64, 63)  
}
```

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(103, 64, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 64, 63) }
```

Border

The CSS property to change the border of an element to YUV 75.5470, -6.1857, 24.0763 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(103, 64, 63) }
```


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

```
.border{ border-color:rgb(103, 64, 63) }
```

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

Here you see how a box with a 4 pixel rgb(103, 64, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 64, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 64, 63);  
box-shadow:4px 4px 4px 4px rgb(103, 64,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 75.5470, -6.1857, 24.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 64, 63) }
```

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

```
.background{ background-color: rgb(103, 64,  
63) }
```

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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