

Converting Colors

YUV(81.4430, -5.1484, 18.0285)

Have a look what the booklet for
YUV(81.4430, -5.1484, 18.0285)
contains.

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Color

**YUV(81.4430, -5.1484,
18.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	664947
RGB	102, 73, 71
RGB Percent	40%, 29%, 28%
CMY	0.6000, 0.7137, 0.7216
CMYK	0.00, 0.28, 0.30, 0.60
HSL	4°, 18%, 34%
HSV	4°, 30%, 40%
XYZ	8.9994, 8.0448, 7.0397
YIQ	81.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

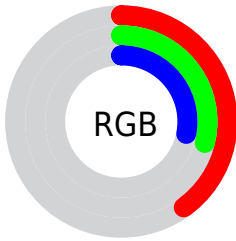
Format	Color
R_{YB}	102, 73, 71
Decimal	6703431
CIE Lab	34.08, 12.05, 6.07
CIE LCh	34, 13.488, 26.729
Yxy	8.0448, 0.3737, 0.3340
Android (android.graphics.Color)	4284893511 (0xFF664947)
YUV	81.4430, -5.1484, 18.0285
Hunter-Lab	28.3634, 7.0001, 5.1387

Details

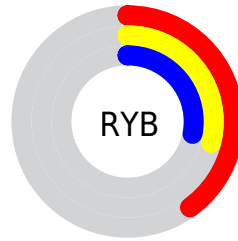
The YUV color **81.4430, -5.1484, 18.0285** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.5570, 5.1484, -18.0285**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2260, -6.0274, 19.9728**, and **36.3610, -4.1220, 15.4694** is the 20% darker color. If you saturate the color by 10%, you get **74.4330, -6.6225, 24.1763**, and if you desaturate by 10%, it is **88.4530, -3.6743, 11.8807**.

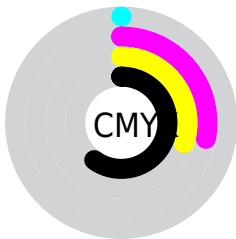
Distribution



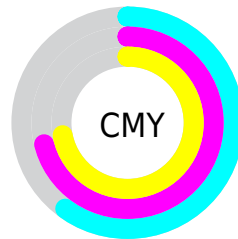
- Red (40%)
- Green (29%)
- Blue (28%)



- Red (40%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4430, -5.1484, 18.0285 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 81.4430, -5.1484, 18.0285 by changing the saturation by 10% instead.

■ 81.4430, -5.1484,
18.0285

■ 81.4430, -5.1484,
18.0285

■ 255.0000, 0.0000,
0.0000

■ 57.9590, -4.4168,
16.6990

■ 131.2260, -6.0274,
19.9728

■ 36.3610, -4.1220,
15.4694

■ 157.5250, -6.1748,
20.5876

■ 13.2150, -6.0220,
18.2284

■ 184.1230, -6.4696,
21.8171

■ 0.0000, 0.0000,
0.0000

■ 212.1230, -6.4696,
21.8171

■ 237.1330, -4.9956,
15.6694

■ 81.4430, -5.1484,
18.0285

■ 81.4430, -5.1484,
18.0285

■ 74.4330, -6.6225,
24.1763

■ 88.4530, -3.6743,
11.8807

■ 68.0100, -8.3859,
29.8092

■ 94.8760, -1.9109,
6.2477

■ 60.8860, -10.2968,
36.0570

■ 102.0000, 0.0000,
0.0000

■ 54.4630, -12.0603,
41.6899

■ 108.4230, 1.7635,
-5.6330

■ 47.4530, -13.5343,
47.8377

■ 115.4330, 3.2375,
-11.7807

■ 41.0300, -15.2978,
53.4707

■ 121.8560, 5.0010,
-17.4137

■ 34.6070, -17.0613,
59.1037

■ 128.8660, 6.4751,
-23.5615

■ 135.4030, 8.6753,

-29.2944

■ 142.4130, 10.1494,
-35.4422

Harmonies

Analogous

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



82.0990, -0.0488, 15.6992



81.4430, -5.1484, 18.0285



81.0960, -8.9213, 14.8248

Triad

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



81.4430, -5.1484, 18.0285



77.3810, -4.6248, -9.9811



78.7950, 10.9471, -11.2212

Complementary

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



81.4430, -5.1484, 18.0285



91.5570, 5.1484, -18.0285

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.



76.6260, 10.5374, -19.8430



81.4430, -5.1484, 18.0285



75.9330, 1.5120, -18.3582

Square

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



81.4430, -5.1484, 18.0285



78.4100, -8.5831, -0.3596



75.5780, 6.6170, -22.4319



80.9920, 8.8779, -0.8700

Rectangle

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



81.4430, -5.1484, 18.0285



80.4330, -10.0735, 11.0213



75.5780, 6.6170, -22.4319



78.4740, 11.1053, -15.3247

Sweetspot

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



81.4430, -5.1484, 18.0285



124.5880, -1.7689, 7.3773



83.5750, 8.0975, 16.1587



61.0930, -1.0318, 4.3034



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



81.4430, -5.1484, 18.0285



101.1130, -7.9437, 27.9649



90.2480, -9.4893, 10.3065



47.4950, -0.7370, 3.0739



38.4940, -18.9775, 67.0958



81.7500, -40.3027, 140.5393

Inverse Universe

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



91.5570, 5.1484, -18.0285



116.8870, 7.9437, -27.9649



82.7520, 9.4893, -10.3065



49.5050, 0.7370, -3.0739



75.9190, 19.2669, -66.5810



160.8370, 40.0134, -141.0540

Previews

White Background



This preview shows how the YUV color 81.4430, -5.1484, 18.0285 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 81.4430, -5.1484, 18.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

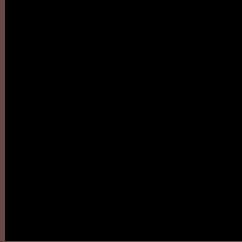
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4430, -5.1484, 18.0285

Background



This preview shows how black text looks on a background with the YUV color 81.4430, -5.1484, 18.0285.



This preview shows how white text looks on a background with the YUV color 81.4430, -5.1484,

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

81.4430, -5.1484, 18.0285

Protanopia

80.3270, -2.6262, 2.3442

Deuteranopia

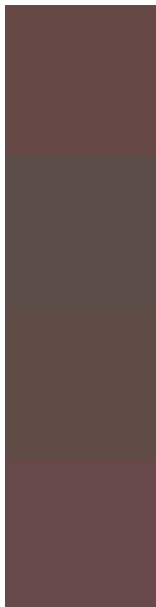
80.6870, -5.2687, 9.9215



Tritanopia

81.9530, -1.9488, 18.4582

Trichromacy



Original Color

81.4430, -5.1484, 18.0285

Protanomaly

80.5450, -3.2267, 8.2920

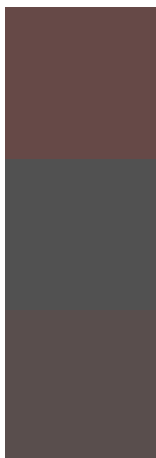
Deuteranomaly

81.2960, -5.5689, 12.8954

Tritanomaly

81.6110, -3.2592, 18.7582

Monochromacy



Original Color

81.4430, -5.1484, 18.0285

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4430, -5.1484, 18.0285 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(102, 73, 71)` looks like.

```
.text, #text, p{  
    color:rgb(102, 73, 71)  
}
```

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(102, 73, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 73, 71) }
```

Border

The CSS property to change the border of an element to YUV 81.4430, -5.1484, 18.0285 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(102, 73, 71) }
```


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

```
.border{ border-color:rgb(102, 73, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 73, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 73, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 73, 71);  
box-shadow:4px 4px 4px 4px rgb(102, 73,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 81.4430, -5.1484, 18.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 73, 71) }
```

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

```
.background{ background-color: rgb(102, 73,  
71) }
```

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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