

Converting Colors

YUV(74.4450, -18.4604, -5.6523)

Have a look what the booklet for
YUV(74.4450, -18.4604, -5.6523)
contains.

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Color

**YUV(74.4450, -18.4604,
-5.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	445525
RGB	68, 85, 37
RGB Percent	27%, 33%, 15%
CMY	0.7333, 0.6667, 0.8549
CMYK	0.20, 0.00, 0.56, 0.67
HSL	81°, 39%, 24%
HSV	81°, 56%, 33%
XYZ	5.9663, 7.8595, 2.9528
YIQ	74.4450, 5.2760, -18.5320

Conversions

Conversions Part 2

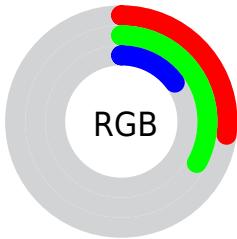
Format	Color
R_{YB}	37, 85, 54
Decimal	4478245
CIE _{Lab}	33.69, -15.46, 25.58
CIE _{LCh}	34, 29.891, 121.149
Yxy	7.8595, 0.3556, 0.4684
Android (android.graphics.Color)	4282668325 (0xFF445525)
YUV	74.4450, -18.4604, -5.6523
Hunter-Lab	28.0348, -11.0729, 13.3795

Details

The YUV color **74.4450, -18.4604, -5.6523** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47.5550, 18.4604, 5.6523**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6900, -20.0602, -5.8671**, and **30.6560, -15.1134, -5.8373** is the 20% darker color. If you saturate the color by 10%, you get **72.5220, -21.9493, -6.5968**, and if you desaturate by 10%, it is **76.3680, -14.9714, -4.7077**.

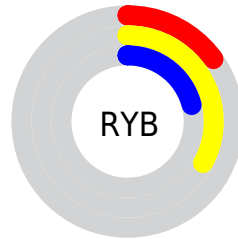
Distribution



Red (27%)

Green (33%)

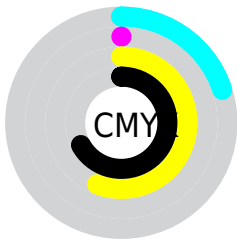
Blue (15%)



Red (15%)

Yellow (33%)

Blue (21%)

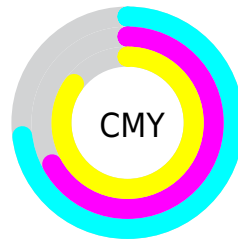


Cyan (20%)

Magenta (0%)

Yellow (56%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4450, -18.4604, -5.6523 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 74.4450, -18.4604, -5.6523 by changing the saturation by 10% instead.

■ 74.4450, -18.4604,
-5.6523

■ 74.4450, -18.4604,
-5.6523

■ 255.0000, 0.0000,
0.0000

■ 51.5590, -18.0236,
-5.7522

■ 123.6900,
-20.0602, -5.8671

■ 30.6560, -15.1134,
-5.8373

■ 149.5760,
-20.4970, -5.7672

■ 12.3270, -6.0772,
-10.8108

■ 176.4620,
-20.9338, -5.6672

■ 0.0000, 0.0000,
0.0000

■ 204.2340,
-21.8074, -5.4672

■ 232.1200,
-22.2442, -5.3672

■ 250.4400,

-17.4719, 3.9991

253.6320, -5.2416,
1.1997

74.4450, -18.4604,
-5.6523

74.4450, -18.4604,
-5.6523

72.5220, -21.9493,
-6.5968

76.3680, -14.9714,
-4.7077

70.7130, -25.0015,
-7.6413

78.1770, -11.9193,
-3.6632

68.7900, -28.4905,
-8.5858

79.9860, -8.8671,
-2.6187

66.9810, -31.5426,
-9.6303

81.9090, -5.3781,
-1.6742

66.3400, -32.7056,
-9.9452

83.7180, -2.3260,
-0.6297

■ 85.6410, 1.1630,
0.3148

■ 87.4500, 4.2151,
1.3593

■ 89.3730, 7.7041,
2.3039

■ 91.2960, 11.1931,
3.2484

Harmonies

Analogous

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



76.7140, -23.0300, 13.4058



74.4450, -18.4604, -5.6523



69.5760, -7.1860, -28.5692

Triad

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



74.4450, -18.4604, -5.6523



65.3360, 26.9494, -57.2997



80.1170, -0.5507, 36.7314

Complementary

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



74.4450, -18.4604, -5.6523



47.5550, 18.4604, 5.6523

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.



81.7870, 9.9650, 23.8658



74.4450, -18.4604, -5.6523



72.9740, 26.1418, -31.5492

Square

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



74.4450, -18.4604, -5.6523



65.1590, 18.6556, -57.1444



81.0490, 19.2028, 0.8340



79.2560, -11.4652, 37.4865

Rectangle

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



74.4450, -18.4604, -5.6523



61.5110, 4.6781, -53.9451



81.0490, 19.2028, 0.8340



80.7190, 3.0965, 33.5724

Sweetspot

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



74.4450, -18.4604, -5.6523



105.7410, -7.2673, -2.4039



61.3310, -11.9952, 20.7577



53.5500, -4.2152, -1.3594



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.



74.4450, -18.4604, -5.6523



93.3770, -28.7799, -9.1006



67.2690, -14.9226, -20.4069



42.2450, -1.5998, -0.2149



83.4400, -41.1359, -12.6639



183.3930, -90.4127, -27.5317

Inverse Universe

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



47.5550, 18.4604, 5.6523



51.3240, 28.9273, 8.4859



54.7310, 14.9226, 20.4069



40.0540, 1.4524, 0.8296



23.5600, 41.1359, 12.6639



51.6070, 90.4127, 27.5317

Previews

White Background



This preview shows how the YUV color 74.4450, -18.4604, -5.6523 looks on a white background.

Color Contrast Check

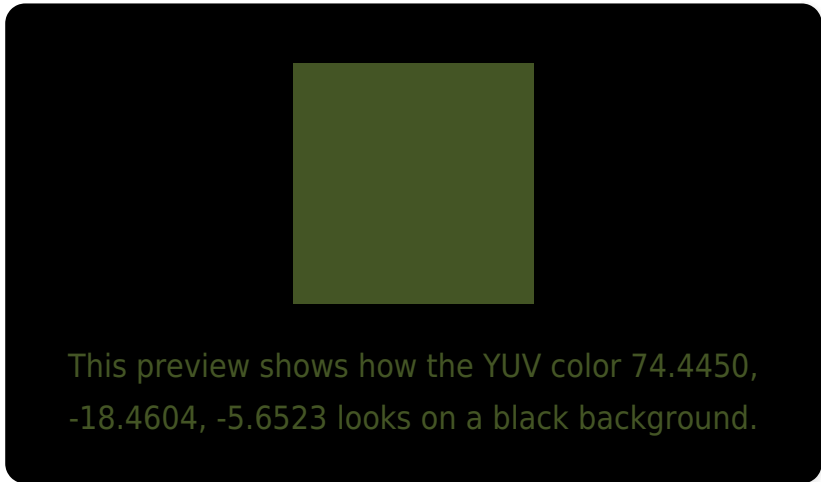
Large Text (above 18pt) WCAG AA ✓ Pass

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

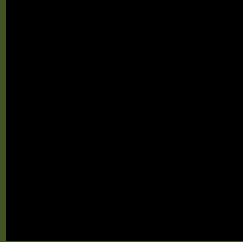
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4450, -18.4604, -5.6523

Background



This preview shows how black text looks on a background with the YUV color 74.4450, -18.4604, -5.6523.



This preview shows how white text looks on a background with the YUV color 74.4450, -18.4604, -5.6523.

-5.6523.

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

74.4450, -18.4604, -5.6523

Protanopia

76.6750, -20.5458, 9.9320

Deuteranopia

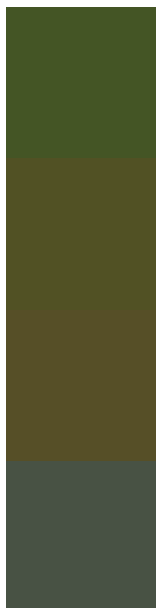
77.5880, -18.5309, 17.0243



Tritanopia

78.8900, 3.5052, -4.2885

Trichromacy



Original Color

74.4450, -18.4604, -5.6523

Protanomaly

75.8700, -19.6559, 4.4990

Deuteranomaly

76.5330, -18.5038, 8.3026

Tritanomaly

77.4140, -4.6411, -4.7481

Monochromacy



Original Color

74.4450, -18.4604, -5.6523

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2680, -6.5411, -1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4450, -18.4604, -5.6523 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, 85, 37)` looks like.

```
.text, #text, p{  
    color:rgb(68, 85, 37)  
}
```

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, 85, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 85, 37) }
```

Border

The CSS property to change the border of an element to YUV 74.4450, -18.4604, -5.6523 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, 85, 37) }
```


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

```
.border{ border-color:rgb(68, 85, 37) }
```

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

Here you see how a box with a 4 pixel rgb(68, 85, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 85, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 85, 37);  
box-shadow:4px 4px 4px 4px rgb(68, 85, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4450, -18.4604, -5.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 85, 37) }
```

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

```
.background{ background-color: rgb(68, 85,  
37) }
```

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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