

Converting Colors

YUV(74.6610, -19.0599,
46.7783)

Have a look what the booklet for
YUV(74.6610, -19.0599, 46.7783)
contains.

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Color

**YUV(74.6610, -19.0599,
46.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	803724
RGB	128, 55, 36
RGB Percent	50%, 22%, 14%
CMY	0.4980, 0.7843, 0.8588
CMYK	0.00, 0.57, 0.72, 0.50
HSL	12°, 56%, 32%
HSV	12°, 72%, 50%
XYZ	10.5867, 7.4489, 2.5489
YIQ	74.6610, 49.6070, 9.5670

Conversions

Conversions Part 2

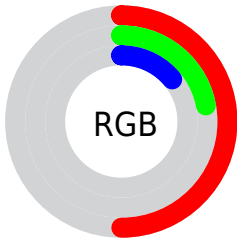
Format	Color
R_{YB}	128, 60, 36
Decimal	8402724
CIE _{Lab}	32.81, 30.19, 26.94
CIE _{LCh}	33, 40.464, 41.740
Yxy	7.4489, 0.5143, 0.3619
Android (android.graphics.Color)	4286592804 (0xFF803724)
YUV	74.6610, -19.0599, 46.7783
Hunter-Lab	27.2928, 21.4769, 13.5678

Details

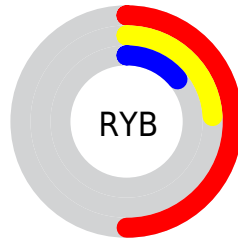
The YUV color **74.6610, -19.0599, 46.7783** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.3390, 19.0599, -46.7783**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5970, -21.9863, 52.0964**, and **24.7620, -12.2077, 42.3047** is the 20% darker color. If you saturate the color by 10%, you get **67.3090, -21.8443, 53.2260**, and if you desaturate by 10%, it is **82.0130, -16.2754, 40.3306**.

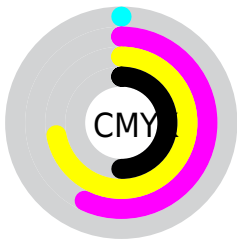
Distribution



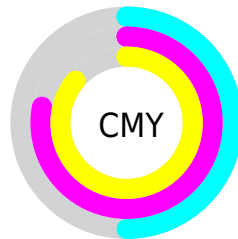
- Red (50%)
- Green (22%)
- Blue (14%)



- Red (50%)
- Yellow (24%)
- Blue (14%)



- Cyan (0%)
- Magenta (57%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6610, -19.0599, 46.7783 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 74.6610, -19.0599, 46.7783 by changing the saturation by 10% instead.

■ 74.6610, -19.0599,
46.7783

■ 74.6610, -19.0599,
46.7783

■ 255.0000, 0.0000,
0.0000

■ 49.8070, -17.1599,
44.0193

■ 125.5970,
-21.9863, 52.0964

■ 24.7620, -12.2077,
42.3047

■ 152.6790,
-23.0127, 54.6555

■ 14.3520, -7.0755,
29.5093

■ 179.7610,
-24.0392, 57.2146

■ 0.0000, 0.0000,
0.0000

■ 202.1510,
-22.2594, 46.3486

■ 221.6650,
-18.5688, 29.2348

■ 241.2930,

-14.4414, 12.0210

253.2900, -6.5520,
1.4997

74.6610, -19.0599,
46.7783

74.6610, -19.0599,
46.7783

67.3090, -21.8443,
53.2260

82.0130, -16.2754,
40.3306

59.9570, -24.6288,
59.6737

89.3650, -13.4909,
33.8829

53.5340, -26.3923,
65.3067

96.6030, -11.1433,
27.5352

104.5420, -8.6482,
20.5727

111.8940, -5.8637,
14.1250

■ 119.2460, -3.0793,
7.6773

■ 126.5980, -0.2948,
1.2296

■ 133.8360, 2.0529,
-5.1182

■ 141.1880, 4.8373,
-11.5659

Harmonies

Analogous

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



74.8910, -4.3833, 52.7156



74.6610, -19.0599, 46.7783



73.7610, -30.9412, 30.9046

Triad

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



74.6610, -19.0599, 46.7783



59.8010, -1.8739, -52.4455



70.7270, 34.1516, -33.9636

Complementary

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



74.6610, -19.0599, 46.7783



89.3390, 19.0599, -46.7783

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.



66.2140, 35.3905, -58.0697



74.6610, -19.0599, 46.7783



64.1500, 12.2510, -56.2596

Square

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



74.6610, -19.0599, 46.7783



67.6730, -21.0378, -19.0072



66.9830, 25.6444, -58.7441



79.6360, 22.3645, 13.4742

Rectangle

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



74.6610, -19.0599, 46.7783



72.0490, -34.5342, 16.6200



66.9830, 25.6444, -58.7441



63.0340, 38.4372, -55.2808

Sweetspot

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



74.6610, -19.0599, 46.7783



144.7590, -7.7692, 18.6284



71.9440, 18.7616, 49.1611



71.5130, -4.6899, 10.9511



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



74.6610, -19.0599, 46.7783



83.3670, -29.7609, 72.4691



101.0760, -32.0825, 23.6123



60.2670, -1.6106, 3.2738



53.5340, -26.3923, 65.3067



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.3390, 19.0599, -46.7783



105.6330, 29.7609, -72.4691



62.9240, 32.0825, -23.6123



60.7330, 1.6106, -3.2738



73.8790, 26.6817, -64.7919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 74.6610, -19.0599, 46.7783 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 74.6610, -19.0599, 46.7783 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 74.6610, -19.0599, 46.7783

Background



This preview shows how black text looks on a background with the YUV color 74.6610, -19.0599, 46.7783.

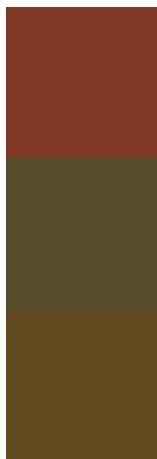


This preview shows how white text looks on a background with the YUV color 74.6610, -19.0599,

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

74.6610, -19.0599, 46.7783

Protanopia

76.4020, -16.4672, 8.4174

Deuteranopia

76.0890, -21.7359, 18.3389



Tritanopia

76.0660, -9.8925, 46.4231

Trichromacy



Original Color

74.6610, -19.0599, 46.7783

Protanomaly

75.8490, -17.6736, 22.0574

Deuteranomaly

75.3830, -20.8948, 28.6051

Tritanomaly

75.8550, -13.2395, 46.6082

Monochromacy



Original Color

74.6610, -19.0599, 46.7783

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9760, -6.8902, 16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6610, -19.0599, 46.7783 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(128, 55, 36)` looks like.

```
.text, #text, p{  
    color:rgb(128, 55, 36)  
}
```

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(128, 55, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 55, 36) }
```

Border

The CSS property to change the border of an element to YUV 74.6610, -19.0599, 46.7783 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(128, 55, 36) }
```


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

```
.border{ border-color:rgb(128, 55, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 55, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 55, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 55, 36);  
box-shadow:4px 4px 4px 4px rgb(128, 55,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 74.6610, -19.0599, 46.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 55, 36) }
```

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

```
.background{ background-color: rgb(128, 55,  
36) }
```

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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