

Converting Colors

YUV(75.6780, -21.5333,
46.7634)

Have a look what the booklet for
YUV(75.6780, -21.5333, 46.7634)
contains.

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Color

**YUV(75.6780, -21.5333,
46.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	813920
RGB	129, 57, 32
RGB Percent	51%, 22%, 13%
CMY	0.4941, 0.7765, 0.8745
CMYK	0.00, 0.56, 0.75, 0.49
HSL	15°, 60%, 32%
HSV	15°, 75%, 51%
XYZ	10.7771, 7.6977, 2.2843
YIQ	75.6780, 50.9370, 7.4890

Conversions

Conversions Part 2

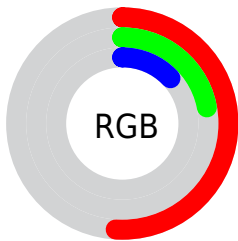
Format	Color
R_{YB}	129, 66, 32
Decimal	8468768
CIE Lab	33.35, 29.31, 29.92
CIE LCh	33, 41.883, 45.587
Yxy	7.6977, 0.5192, 0.3708
Android (android.graphics.Color)	4286658848 (0xFF813920)
YUV	75.6780, -21.5333, 46.7634
Hunter-Lab	27.7447, 20.7831, 14.5398

Details

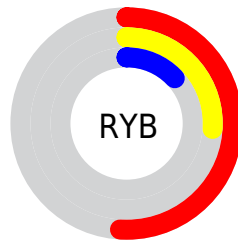
The YUV color **75.6780, -21.5333, 46.7634** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **85.3220, 21.5333, -46.7634**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6140, -24.4597, 52.0815**, and **26.8220, -13.2232, 41.3751** is the 20% darker color. If you saturate the color by 10%, you get **68.3260, -24.3177, 53.2111**, and if you desaturate by 10%, it is **83.0300, -18.7488, 40.3157**.

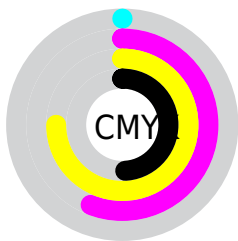
Distribution



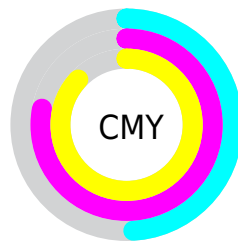
- Red (51%)
- Green (22%)
- Blue (13%)



- Red (51%)
- Yellow (26%)
- Blue (13%)



- Cyan (0%)
- Magenta (56%)
- Yellow (75%)
- Black (49%)



- Cyan (49%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6780, -21.5333, 46.7634 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 75.6780, -21.5333, 46.7634 by changing the saturation by 10% instead.

■ 75.6780, -21.5333,
46.7634

■ 75.6780, -21.5333,
46.7634

255.0000, 0.0000,
0.0000

■ 50.7100, -20.0700,
44.1043

■ 126.6140,
-24.4597, 52.0815

■ 26.8220, -13.2232,
41.3751

■ 153.6960,
-25.4861, 54.6406

■ 14.3520, -7.0755,
29.5093

■ 180.7780,
-26.5126, 57.1997

■ 0.5980, -0.2948,
1.2296

■ 202.8690,
-24.5854, 45.7189

■ 0.0000, 0.0000,
0.0000

■ 222.3830,
-20.8948, 28.6051

■ 242.0110,

-16.7674, 11.3914

■ 252.8340, -8.2992,
1.8996

■ 75.6780, -21.5333,
46.7634

■ 75.6780, -21.5333,
46.7634

■ 68.3260, -24.3177,
53.2111

■ 83.0300, -18.7488,
40.3157

■ 61.5610, -27.3916,
59.1440

■ 89.7950, -15.6749,
34.3828

■ 57.9420, -28.5654,
62.3179

■ 97.1470, -12.8905,
27.9351

■ 103.9120, -9.8166,
22.0022

■ 111.2640, -7.0322,
15.5545

■ 117.9150, -4.3951,
9.7215

■ 125.2670, -1.6106,
3.2738

■ 132.6190, 1.1738,
-3.1739

■ 139.3840, 4.2477,
-9.1068

Harmonies

Analogous

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



75.4460, -6.1359, 54.8599



75.6780, -21.5333, 46.7634



74.6530, -33.8459, 29.2453

Triad

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



75.6780, -21.5333, 46.7634



61.5450, -0.2687, -53.9750



73.7710, 34.1299, -26.9862

Complementary

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



75.6780, -21.5333, 46.7634



85.3220, 21.5333, -46.7634

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.



67.3710, 37.2851, -59.0844



75.6780, -21.5333, 46.7634



66.0080, 14.2931, -57.8890

Square

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



75.6780, -21.5333, 46.7634



67.0960, -19.2743, -24.6402



68.2540, 27.9758, -59.8588



81.1420, 21.6220, 18.2925

Rectangle

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



75.6780, -21.5333, 46.7634



72.9840, -35.9811, 14.0460



68.2540, 27.9758, -59.8588



63.4900, 40.1844, -55.6807

Sweetspot

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



75.6780, -21.5333, 46.7634



147.2320, -8.4954, 18.2135



69.3250, 17.5878, 52.3350



71.3990, -5.1267, 11.0511



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.



75.6780, -21.5333, 46.7634



85.0420, -33.5447, 72.7542



103.8540, -35.4240, 22.0530



60.2670, -1.6106, 3.2738



57.6430, -28.4180, 61.7031



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.3220, 21.5333, -46.7634



99.9580, 33.5447, -72.7542



57.1460, 35.4240, -22.0530



60.7330, 1.6106, -3.2738



70.3570, 28.4180, -61.7031



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.6780, -21.5333, 46.7634 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 75.6780, -21.5333, 46.7634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

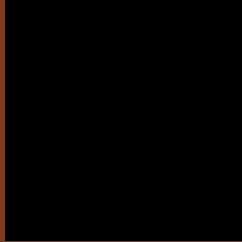
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.6780, -21.5333, 46.7634

Background



This preview shows how black text looks on a background with the YUV color 75.6780, -21.5333, 46.7634.



This preview shows how white text looks on a background with the YUV color 75.6780, -21.5333,

46.7634.

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

75.6780, -21.5333, 46.7634

Protanopia

77.1310, -18.7986, 9.5321

Deuteranopia

76.7040, -24.5041, 19.5536



Tritanopia

77.1800, -9.4557, 46.3231

Trichromacy



Original Color

75.6780, -21.5333, 46.7634

Protanomaly

76.5780, -20.0050, 23.1721

Deuteranomaly

76.1120, -23.2262, 29.7198

Tritanomaly

76.7410, -13.6763, 46.7081

Monochromacy



Original Color

75.6780, -21.5333, 46.7634

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7480, -7.7638, 16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6780, -21.5333, 46.7634 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(129, 57, 32)` looks like.

```
.text, #text, p{  
    color:rgb(129, 57, 32)  
}
```

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(129, 57, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 57, 32) }
```

Border

The CSS property to change the border of an element to YUV 75.6780, -21.5333, 46.7634 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(129, 57, 32) }
```


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

```
.border{ border-color:rgb(129, 57, 32) }
```

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

Here you see how a box with a 4 pixel rgb(129, 57, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 57, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 57, 32);  
box-shadow:4px 4px 4px 4px rgb(129, 57,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 75.6780, -21.5333, 46.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 57, 32) }
```

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

```
.background{ background-color: rgb(129, 57,  
32) }
```

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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