

Converting Colors

YUV(74.8340, -21.6102,
24.7016)

Have a look what the booklet for
YUV(74.8340, -21.6102, 24.7016)
contains.

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Color

**YUV(74.8340, -21.6102,
24.7016)**

Conversions

Conversions Part 1

Format	Color
Hex	67451F
RGB	103, 69, 31
RGB Percent	40%, 27%, 12%
CMY	0.5961, 0.7294, 0.8784
CMYK	0.00, 0.33, 0.70, 0.60
HSL	32°, 54%, 26%
HSV	32°, 70%, 40%
XYZ	7.9690, 7.2387, 2.2735
YIQ	74.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

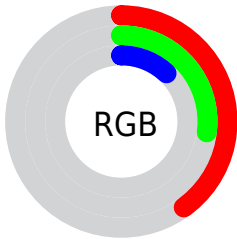
Format	Color
RYB	95, 103, 31
Decimal	6767903
CIELab	32.34, 10.46, 28.28
CIELCh	32, 30.151, 69.704
Yxy	7.2387, 0.4559, 0.4141
Android (android.graphics.Color)	4284957983 (0xFF67451F)
YUV	74.8340, -21.6102, 24.7016
Hunter-Lab	26.9049, 5.7863, 13.8233

Details

The YUV color **74.8340, -21.6102, 24.7016** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **59.1660, 21.6102, -24.7016**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4000, -23.3682, 28.5902**, and **31.1090, -15.3367, 19.1984** is the 20% darker color. If you saturate the color by 10%, you get **70.7590, -24.5312, 28.2754**, and if you desaturate by 10%, it is **78.9090, -18.6891, 21.1278**.

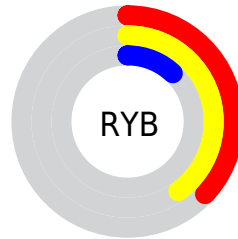
Distribution



Red (40%)

Green (27%)

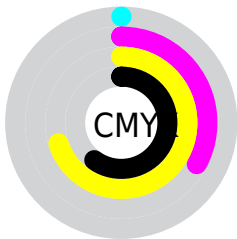
Blue (12%)



Red (37%)

Yellow (40%)

Blue (12%)

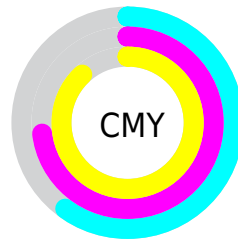


Cyan (0%)

Magenta (33%)

Yellow (70%)

Black (60%)



Cyan (60%)

Magenta (73%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8340, -21.6102, 24.7016 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 74.8340, -21.6102, 24.7016 by changing the saturation by 10% instead.

■ 74.8340, -21.6102,
24.7016

■ 74.8340, -21.6102,
24.7016

255.0000, 0.0000,
0.0000

■ 51.5240, -21.4573,
22.3425

■ 124.4000,
-23.3682, 28.5902

■ 31.1090, -15.3367,
19.1984

■ 150.7700,
-24.5366, 30.0197

■ 8.6710, -4.2748,
17.8285

■ 177.2540,
-25.2682, 31.3492

■ 0.0000, 0.0000,
0.0000

■ 205.3250,
-26.2892, 32.1640

■ 228.1390,
-24.2255, 23.5571

■ 248.3540,

-20.3875, 5.8285

■ 252.7200, -8.7360,
1.9996

■ 74.8340, -21.6102,
24.7016

■ 74.8340, -21.6102,
24.7016

■ 70.7590, -24.5312,
28.2754

■ 78.9090, -18.6891,
21.1278

■ 66.5700, -27.8890,
31.9491

■ 83.0980, -15.3313,
17.4541

■ 62.4950, -30.8100,
35.5229

■ 87.1730, -12.4103,
13.8803

■ 90.6610, -9.1999,
10.8213

■ 94.8500, -5.8420,
7.1476

■ 98.9250, -2.9210,
3.5738

■ 103.0000, 0.0000,
0.0000

■ 107.0750, 2.9210,
-3.5738

■ 111.2640, 6.2788,
-7.2475

Harmonies

Analogous

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



75.5610, -14.0806, 36.3420



74.8340, -21.6102, 24.7016



72.7950, -22.5769, 8.0728

Triad

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



74.8340, -21.6102, 24.7016



61.1180, 10.7878, -53.6005



78.5230, 16.9972, 8.3113

Complementary

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



74.8340, -21.6102, 24.7016



59.1660, 21.6102, -24.7016

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.



73.2850, 24.5095, -21.2979



74.8340, -21.6102, 24.7016



63.1530, 21.1236, -55.3852

Square

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



74.8340, -21.6102, 24.7016



63.4760, -2.2067, -39.0055



62.4010, 28.3963, -54.7257



77.8370, 7.4754, 29.0840

Rectangle

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



74.8340, -21.6102, 24.7016



71.6300, -19.0446, -4.9375



62.4010, 28.3963, -54.7257



77.4510, 19.4977, -0.3955

Sweetspot

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



74.8340, -21.6102, 24.7016



124.1770, -8.4683, 9.4918



56.5180, 4.6746, 40.7647



62.3660, -5.1104, 5.8180



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.



74.8340, -21.6102, 24.7016



91.0070, -34.0205, 38.5819



94.4930, -31.3020, 6.5836



49.2560, -1.6052, 1.5295



70.1920, -34.6047, 39.2966



147.4940, -72.7145, 82.8818

Inverse Universe

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



59.1660, 21.6102, -24.7016



65.9930, 34.0205, -38.5819



39.5070, 31.3020, -6.5836



47.7440, 1.6052, -1.5295



44.8080, 34.6047, -39.2966



94.5060, 72.7145, -82.8818

Previews

White Background



This preview shows how the YUV color 74.8340, -21.6102, 24.7016 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 74.8340, -21.6102, 24.7016 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 74.8340, -21.6102, 24.7016

Background



This preview shows how black text looks on a background with the YUV color 74.8340, -21.6102, 24.7016.



This preview shows how white text looks on a background with the YUV color 74.8340, -21.6102,

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

74.8340, -21.6102, 24.7016

Protanopia

74.3760, -20.3984, 9.3172

Deuteranopia

74.6760, -22.0253, 17.8241



Tritanopia

77.5300, -3.7123, 24.0912

Trichromacy



Original Color

74.8340, -21.6102, 24.7016

Protanomaly

74.5940, -20.9988, 15.2651

Deuteranomaly

74.9860, -22.1781, 20.1833

Tritanomaly

76.2220, -9.9694, 24.3613

Monochromacy



Original Color

74.8340, -21.6102, 24.7016

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9920, -7.8841, 8.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8340, -21.6102, 24.7016 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, 69, 31)` looks like.

```
.text, #text, p{  
    color:rgb(103, 69, 31)  
}
```

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, 69, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 69, 31) }
```

Border

The CSS property to change the border of an element to YUV 74.8340, -21.6102, 24.7016 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, 69, 31) }
```


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

```
.border{ border-color:rgb(103, 69, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 69, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 69, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 69, 31);  
box-shadow:4px 4px 4px 4px rgb(103, 69,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 74.8340, -21.6102, 24.7016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 69, 31) }
```

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

```
.background{ background-color: rgb(103, 69,  
31) }
```

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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