

Converting Colors

YUV(74.2940, 30.9141,
-22.1828)

Have a look what the booklet for
YUV(74.2940, 30.9141, -22.1828)
contains.

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Color

**YUV(74.2940, 30.9141,
-22.1828)**

Conversions

Conversions Part 1

Format	Color
Hex	314B89
RGB	49, 75, 137
RGB Percent	19%, 29%, 54%
CMY	0.8078, 0.7059, 0.4627
CMYK	0.64, 0.45, 0.00, 0.46
HSL	222°, 47%, 36%
HSV	222°, 64%, 54%
XYZ	8.2981, 7.4913, 24.6755
YIQ	74.2940, -35.3980, 13.7700

Conversions

Conversions Part 2

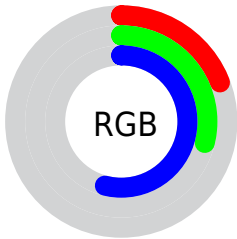
Format	Color
R _Y B	49, 69, 137
Decimal	3230601
CIE Lab	32.90, 11.03, -37.63
CIE LCh	33, 39.210, 286.345
Yxy	7.4913, 0.2051, 0.1851
Android (android.graphics.Color)	4281420681 (0xFF314B89)
YUV	74.2940, 30.9141, -22.1828
Hunter-Lab	27.3702, 6.2196, -34.2936




Details

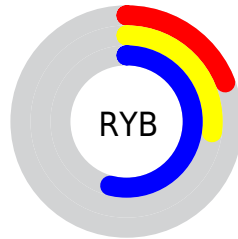
The YUV color **74.2940, 30.9141, -22.1828** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **111.7060, -30.9141, 22.1828**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.0710, 32.5030, -18.4793**, and **28.5880, 28.3041, -25.0717** is the 20% darker color. If you saturate the color by 10%, you get **64.2380, 35.8717, -25.6417**, and if you desaturate by 10%, it is **84.3500, 25.9565, -18.7239**.

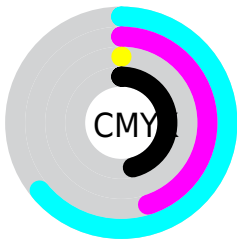
Distribution







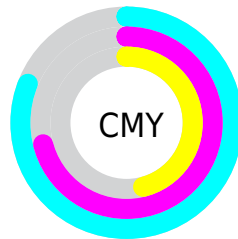
-  Red (19%)
-  Green (29%)
-  Blue (54%)






-  Red (19%)
-  Yellow (27%)
-  Blue (54%)



-  Cyan (64%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (81%)
-  Magenta (71%)
-  Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.2940, 30.9141, -22.1828 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 74.2940, 30.9141, -22.1828 by changing the saturation by 10% instead.

■ 74.2940, 30.9141,
-22.1828

■ 74.2940, 30.9141,
-22.1828

■ 255.0000, 0.0000,
0.0000

■ 48.2500, 30.9357,
-29.1603

■ 125.0710, 32.5030,
-18.4793

■ 28.5880, 28.3041,
-25.0717

■ 151.5980, 33.2292,
-18.0644

■ 11.8780, 25.2031,
-10.4170

■ 179.1250, 33.9554,
-17.6496

■ 6.3210, 16.6037,
-5.5435

■ 204.1440, 25.0720,
-15.0353

■ 2.6390, 7.5730,
-2.3144

■ 229.2510, 12.6943,
-11.6211

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 74.2940, 30.9141,
-22.1828

■ 74.2940, 30.9141,
-22.1828

■ 64.2380, 35.8717,
-25.6417

■ 84.3500, 25.9565,
-18.7239

■ 55.0680, 40.3925,
-29.0006

■ 93.5200, 21.4356,
-15.3650

■ 45.0120, 45.3501,
-32.4595

■ 103.5760, 16.4780,
-11.9062

■ 39.0980, 48.2657,
-34.2889

■ 113.6320, 11.5204,
-8.4473

■ 123.1010, 6.8522,
-4.4736

■ 132.8580, 2.0420,
-1.6295

■ 142.9140, -2.9156,
1.8294

■ 152.3830, -7.5838,
5.8031

■ 162.1400,
-12.3940, 8.6472

Harmonies

Analogous

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



65.5130, 35.2431, -57.4549



74.2940, 30.9141, -22.1828



79.9740, 19.7328, 17.5628

Triad

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



74.2940, 30.9141, -22.1828



75.2970, -20.3594, 43.5895



60.4850, 0.7469, -53.0453

Complementary

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



74.2940, 30.9141, -22.1828



111.7060, -30.9141, 22.1828

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.



67.2640, -17.3852, -23.9105



74.2940, 30.9141, -22.1828



74.3260, -31.2197, 26.9011

Square

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



74.2940, 30.9141, -22.1828



75.0110, -6.4144, 50.8564



71.5960, -30.8598, 4.7393



64.7200, 14.4350, -56.7594

Rectangle

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



74.2940, 30.9141, -22.1828



78.7330, 11.9636, 36.1912



71.5960, -30.8598, 4.7393



58.6440, -3.7685, -51.4308

Sweetspot

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



74.2940, 30.9141, -22.1828



154.7460, 11.9572, -8.5472



107.7240, 1.6151, -51.5009



74.8020, 6.9996, -5.0884



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



74.2940, 30.9141, -22.1828



80.7990, 48.4131, -34.9037



64.4140, 35.7849, 2.2679



63.9720, 2.4788, -1.7294



38.0550, 46.8079, -33.3742



1.7440, 1.6052, -1.5295

Inverse Universe

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



78.2760, -1.6151, 51.5009



86.9360, -2.4334, 80.7401



121.5860, -35.7849, -2.2679



64.3210, -0.1583, 4.1035



44.2130, -2.5700, 77.8662



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 74.2940, 30.9141, -22.1828 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 74.2940, 30.9141, -22.1828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

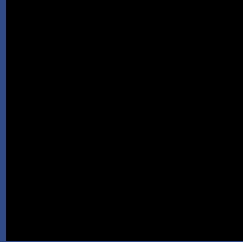
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.2940, 30.9141, -22.1828

Background



This preview shows how black text looks on a background with the YUV color 74.2940, 30.9141, -22.1828.



This preview shows how white text looks on a background with the YUV color 74.2940, 30.9141, -22.1828.

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

74.2940, 30.9141, -22.1828

Protanopia

73.9950, 31.0615, -22.7976

Deuteranopia

68.7650, 33.1469, -38.3819



Tritanopia

67.2600, 12.1968, -38.8160

Trichromacy



Original Color

74.2940, 30.9141, -22.1828

Protanomaly

73.9950, 31.0615, -22.7976

Deuteranomaly

70.8690, 32.1096, -32.3341

Tritanomaly

69.4270, 19.0165, -32.8235

Monochromacy



Original Color

74.2940, 30.9141, -22.1828

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9310, 11.3730, -7.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.2940, 30.9141, -22.1828 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(49, 75, 137)` looks like.

```
.text, #text, p{  
    color:rgb(49, 75, 137)  
}
```

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(49, 75, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 75, 137) }
```

Border

The CSS property to change the border of an element to YUV 74.2940, 30.9141, -22.1828 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(49, 75, 137) }
```


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

```
.border{ border-color:rgb(49, 75, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 75, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 75, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 75, 137);  
box-shadow:4px 4px 4px 4px rgb(49, 75,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 74.2940, 30.9141, -22.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 75, 137) }
```

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

```
.background{ background-color: rgb(49, 75,  
137) }
```

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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