

Converting Colors

YUV(74.9030, -30.0252,
-29.7329)

Have a look what the booklet for
YUV(74.9030, -30.0252, -29.7329)
contains.

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Color

**YUV(74.9030, -30.0252,
-29.7329)**

Conversions

Conversions Part 1

Format	Color
Hex	29680E
RGB	41, 104, 14
RGB Percent	16%, 41%, 5%
CMY	0.8392, 0.5922, 0.9451
CMYK	0.61, 0.00, 0.87, 0.59
HSL	102°, 76%, 23%
HSV	102°, 87%, 41%
XYZ	5.9440, 10.4038, 2.1103
YIQ	74.9030, -8.6580, -41.3460

Conversions

Conversions Part 2

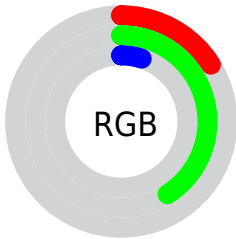
Format	Color
RYB	14, 104, 77
Decimal	2713614
CIELab	38.56, -36.70, 40.34
CIELCh	39, 54.535, 132.291
Yxy	10.4038, 0.3220, 0.5636
Android (android.graphics.Color)	4280903694 (0xFF29680E)
YUV	74.9030, -30.0252, -29.7329
Hunter-Lab	32.2548, -23.5514, 18.6993

Details

The YUV color **74.9030, -30.0252, -29.7329** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **43.0970, 30.0252, 29.7329**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5010, -30.3200, -28.5034**, and **32.8720, -16.2059, -28.8287** is the 20% darker color. If you saturate the color by 10%, you get **71.6700, -33.3613, -33.0366**, and if you desaturate by 10%, it is **78.1360, -26.6890, -26.4293**.

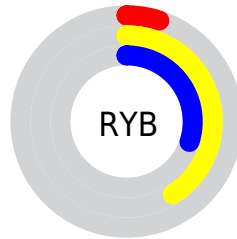
Distribution



Red (16%)

Green (41%)

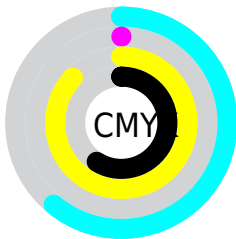
Blue (5%)



Red (5%)

Yellow (41%)

Blue (30%)

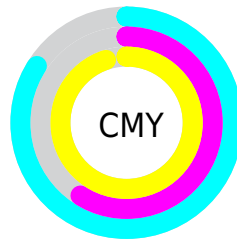


Cyan (61%)

Magenta (0%)

Yellow (87%)

Black (59%)



Cyan (84%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9030, -30.0252, -29.7329 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 74.9030, -30.0252, -29.7329 by changing the saturation by 10% instead.

■ 74.9030, -30.0252,
-29.7329

■ 74.9030, -30.0252,
-29.7329

255.0000, 0.0000,
0.0000

■ 48.4660, -23.8937,
-36.3657

■ 127.5010,
-30.3200, -28.5034

■ 32.8720, -16.2059,
-28.8287

■ 153.9740,
-31.0462, -28.9182

■ 21.1320, -10.4181,
-18.5328

■ 181.7460,
-31.9198, -28.7182


■ 0.0000, 0.0000,
0.0000


■ 209.2190,
-32.6460, -29.1331


■ 230.3600,
-29.7575, -22.2407

■ 242.2230,


-21.8019, -7.2116


 251.6940,
-12.6671, 2.8994


 74.9030, -30.0252,
-29.7329


 74.9030, -30.0252,
-29.7329


 71.6700, -33.3613,
-33.0366


 78.1360, -26.6890,
-26.4293

 70.3170, -34.6663,
-34.4810

 81.7820, -23.0635,
-22.6108

 85.0150, -19.7274,
-19.3072

 88.3620, -15.9545,
-16.1035

 91.5950, -12.6183,
-12.7998

■ 95.1270, -9.4296,
-8.8814

■ 98.4740, -5.6567,
-5.6777

■ 101.7070, -2.3206,
-2.3740

■ 105.3530, 1.3050,
1.4444

Harmonies

Analogous

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



83.8710, -41.3484, 8.8831



74.9030, -30.0252, -29.7329



71.0510, -4.4621, -62.3117

Triad

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



74.9030, -30.0252, -29.7329



80.4110, 46.6324, -70.5204



82.2620, -3.5802, 75.1922

Complementary

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



74.9030, -30.0252, -29.7329



43.0970, 30.0252, 29.7329

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.



87.7990, 15.3821, 59.8123



74.9030, -30.0252, -29.7329



73.1220, 51.7049, -64.1280

Square

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



74.9030, -30.0252, -29.7329



81.0830, 33.9761, -71.1098



93.3730, 31.3681, 18.9669



84.9360, -26.0974, 64.0771

Rectangle

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



74.9030, -30.0252, -29.7329



75.1720, 8.7892, -65.9258



93.3730, 31.3681, 18.9669



82.9720, 2.9718, 73.6926

Sweetspot

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



74.9030, -30.0252, -29.7329



123.8340, -11.7502, -11.2554



77.8910, -31.4983, 22.8976



62.1210, -6.9617, -7.1221



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.



74.9030, -30.0252, -29.7329



91.5040, -45.1115, -44.2920



68.8820, -18.1828, -48.1315



49.2340, -1.5944, -1.9592



77.6710, -38.2918, -38.2995



163.8810, -80.7933, -79.7026

Inverse Universe

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



43.0970, 30.0252, 29.7329



43.7950, 44.9641, 44.9068



49.1180, 18.1828, 48.1315



47.4670, 1.7418, 1.3444



37.0300, 38.4392, 37.6847



78.4180, 80.6459, 80.3174

Previews

White Background



This preview shows how the YUV color 74.9030, -30.0252, -29.7329 looks on a white background.

Color Contrast Check

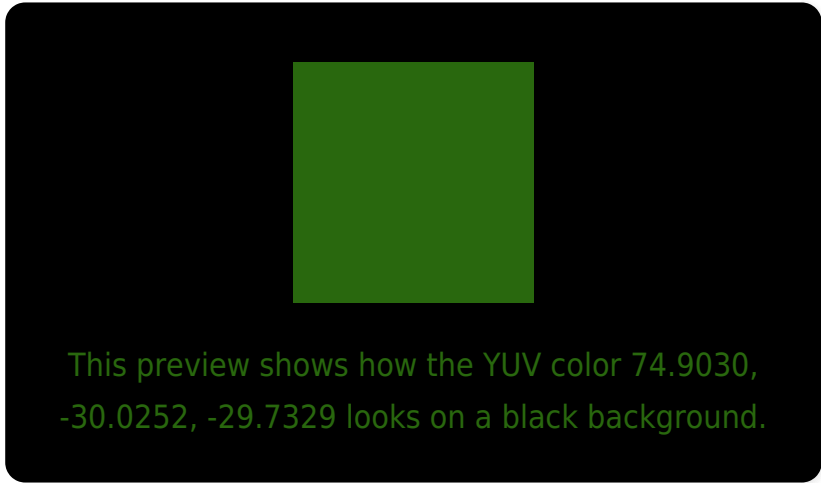
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 74.9030, -30.0252, -29.7329

Background



This preview shows how black text looks on a background with the YUV color 74.9030, -30.0252, -29.7329.



This preview shows how white text looks on a background with the YUV color 74.9030, -30.0252, -29.7329.

-29.7329.

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

74.9030, -30.0252, -29.7329

Protanopia

85.0550, -37.0021, 14.8608

Deuteranopia

87.4180, -30.7721, 23.3124



Tritanopia

86.2510, 9.2433, -24.7761

Trichromacy



Original Color

74.9030, -30.0252, -29.7329

Protanomaly

81.5260, -34.7693, -1.3383

Deuteranomaly

82.9980, -30.5650, 3.5098

Tritanomaly

82.4560, -5.1548, -26.7099

Monochromacy



Original Color

74.9030, -30.0252, -29.7329

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3610, -11.0240, -10.8406

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9030, -30.0252, -29.7329 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(41, 104, 14)` looks like.

```
.text, #text, p{  
    color:rgb(41, 104, 14)  
}
```

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(41, 104, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 104, 14) }
```

Border

The CSS property to change the border of an element to YUV 74.9030, -30.0252, -29.7329 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(41, 104, 14) }
```


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

```
.border{ border-color:rgb(41, 104, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 104, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 104, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 104, 14);  
box-shadow:4px 4px 4px 4px rgb(41, 104,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 74.9030, -30.0252, -29.7329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 104, 14) }
```

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

```
.background{ background-color: rgb(41, 104,  
14) }
```

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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