

Converting Colors

YUV(74.9050, 20.7528,
-29.7347)

Have a look what the booklet for
YUV(74.9050, 20.7528, -29.7347)
contains.

YUV(74.9050, 20.7528, -29.7347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.9050, 20.7528,
-29.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	295475
RGB	41, 84, 117
RGB Percent	16%, 33%, 46%
CMY	0.8392, 0.6706, 0.5412
CMYK	0.65, 0.28, 0.00, 0.54
HSL	206°, 48%, 31%
HSV	206°, 65%, 46%
XYZ	7.2957, 8.0964, 18.0079
YIQ	74.9050, -36.2210, 1.1470

Conversions

Conversions Part 2

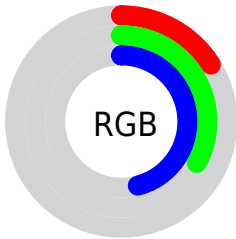
Format	Color
R_{YB}	41, 68, 117
Decimal	2708597
CIE Lab	34.18, -3.81, -23.26
CIE LCh	34, 23.570, 260.692
Yxy	8.0964, 0.2184, 0.2424
Android (android.graphics.Color)	4280898677 (0xFF295475)
YUV	74.9050, 20.7528, -29.7347
Hunter-Lab	28.4542, -4.0274, -17.6050




Details

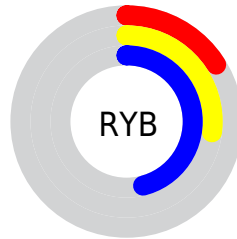
The YUV color **74.9050, 20.7528, -29.7347** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83.0950, -20.7528, 29.7347**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **125.4430, 21.4736, -27.5755**, and **30.7590, 18.8528, -26.9756** is the 20% darker color. If you saturate the color by 10%, you get **68.3820, 23.9687, -34.5380**, and if you desaturate by 10%, it is **81.4280, 17.5370, -24.9314**.

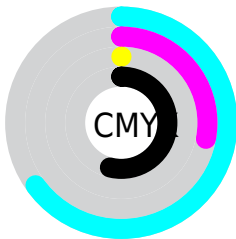
Distribution







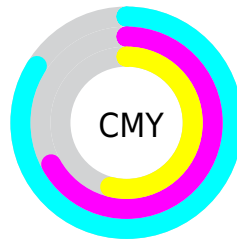
-  Red (16%)
-  Green (33%)
-  Blue (46%)






-  Red (16%)
-  Yellow (27%)
-  Blue (46%)



-  Cyan (65%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (84%)
-  Magenta (67%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9050, 20.7528, -29.7347 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 74.9050, 20.7528, -29.7347 by changing the saturation by 10% instead.

■ 74.9050, 20.7528,
-29.7347

■ 74.9050, 20.7528,
-29.7347

■ 255.0000, 0.0000,
0.0000

■ 48.3880, 21.5007,
-36.2973

■ 125.4430, 21.4736,
-27.5755

■ 30.7590, 18.8528,
-26.9756

■ 152.5570, 21.9104,
-27.6755

■ 16.3970, 14.5943,
-14.3802

■ 179.0840, 22.6366,
-27.2607

■ 3.4370, 10.6306,
-3.0142

■ 206.7850, 22.7840,
-27.8754

■ 0.0000, 0.0000,
0.0000

■ 232.1200, 11.2798,
-24.6612

■ 248.1230, 3.3904,

-14.1399

■ 74.9050, 20.7528,
-29.7347

■ 74.9050, 20.7528,
-29.7347

■ 68.3820, 23.9687,
-34.5380

■ 81.4280, 17.5370,
-24.9314

■ 62.1580, 27.0371,
-38.7266

■ 87.6520, 14.4686,
-20.7428

■ 55.6350, 30.2529,
-43.5299

■ 94.1750, 11.2527,
-15.9395

■ 52.0800, 32.0056,
-45.6742

■ 100.6980, 8.0369,
-11.1361

■ 107.2210, 4.8210,
-6.3328

■ 113.4450, 1.7526,
-2.1443

■ 120.5550, -1.7526,
2.1443

■ 127.0780, -4.9685,
6.9476

■ 133.3020, -8.0369,
11.1361

Harmonies

Analogous

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



64.0820, 22.1446, -56.1999



74.9050, 20.7528, -29.7347



81.0220, 16.7512, -6.1583

Triad

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



74.9050, 20.7528, -29.7347



81.4770, -6.6442, 31.1537



75.3820, -9.5553, -15.2440

Complementary

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



74.9050, 20.7528, -29.7347



83.0950, -20.7528, 29.7347

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.



77.4720, -16.0087, 1.3401



74.9050, 20.7528, -29.7347



80.7940, -14.1954, 26.4907

Square

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



74.9050, 20.7528, -29.7347



82.4470, 2.2446, 26.7950



79.4030, -17.9467, 16.3096



70.8340, 1.5608, -34.0574

Rectangle

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



74.9050, 20.7528, -29.7347



82.4860, 13.0714, 7.4668



79.4030, -17.9467, 16.3096



75.7310, -12.1924, -9.4111

Sweetspot

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



74.9050, 20.7528, -29.7347



136.6980, 8.0369, -11.1361



89.3740, -7.5794, -42.4240



66.9220, 4.9685, -6.9476



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



74.9050, 20.7528, -29.7347



86.8950, 32.5898, -46.3889



52.5990, 31.7497, -10.1723



55.4450, 1.7526, -2.1443



54.4110, 33.3214, -47.7184



111.2670, 68.3954, -97.5812

Inverse Universe

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



68.6260, 7.5794, 42.4240



77.2190, 11.7240, 66.4599



105.4010, -31.7497, 10.1723



55.1360, 0.4260, 3.3887



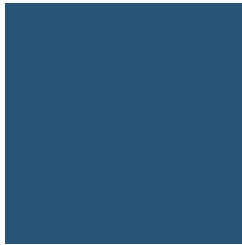
44.3440, 12.1554, 68.1043



90.8240, 24.7368, 139.5974

Previews

White Background



This preview shows how the YUV color 74.9050, 20.7528, -29.7347 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 74.9050, 20.7528, -29.7347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

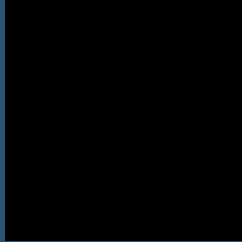
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

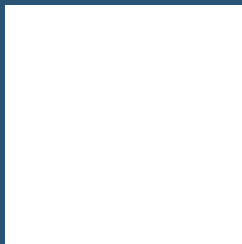
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 74.9050, 20.7528, -29.7347

Background



This preview shows how black text looks on a background with the YUV color 74.9050, 20.7528, -29.7347.

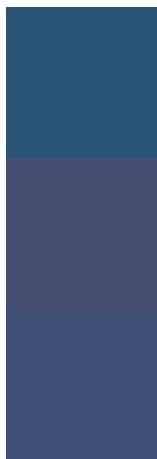


This preview shows how white text looks on a background with the YUV color 74.9050, 20.7528, -29.7347.

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

74.9050, 20.7528, -29.7347

Protanopia

80.1850, 16.1778, -8.9322

Deuteranopia

79.5480, 18.9568, -13.6356



Tritanopia

71.1570, 11.7546, -36.9717

Trichromacy



Original Color

74.9050, 20.7528, -29.7347

Protanomaly

78.1840, 17.6573, -16.8244

Deuteranomaly

77.7430, 19.8467, -19.0686

Tritanomaly

72.6780, 14.9487, -34.7976

Monochromacy



Original Color

74.9050, 20.7528, -29.7347

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9050, 20.7528, -29.7347 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, 84, 117)` looks like.

```
.text, #text, p{  
    color:rgb(41, 84, 117)  
}
```

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, 84, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 84, 117) }
```

Border

The CSS property to change the border of an element to YUV 74.9050, 20.7528, -29.7347 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, 84, 117) }
```


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

```
.border{ border-color:rgb(41, 84, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 84, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 84, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 84, 117);  
box-shadow:4px 4px 4px 4px rgb(41, 84,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 74.9050, 20.7528, -29.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 84, 117) }
```

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

```
.background{ background-color: rgb(41, 84,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor