

Converting Colors

YUV(74.4510, 12.5957,
-26.7055)

Have a look what the booklet for
YUV(74.4510, 12.5957, -26.7055)
contains.

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Color

**YUV(74.4510, 12.5957,
-26.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5564
RGB	44, 85, 100
RGB Percent	17%, 33%, 39%
CMY	0.8275, 0.6667, 0.6078
CMYK	0.56, 0.15, 0.00, 0.61
HSL	196°, 39%, 28%
HSV	196°, 56%, 39%
XYZ	6.5875, 7.9526, 13.2444
YIQ	74.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

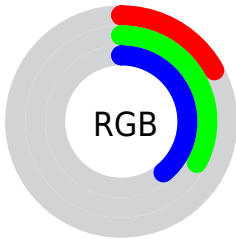
Format	Color
R_{YB}	44, 68, 100
Decimal	2905444
CIE _{Lab}	33.88, -9.63, -13.09
CIE _{LCh}	34, 16.252, 233.644
Yxy	7.9526, 0.2371, 0.2862
Android (android.graphics.Color)	4281095524 (0xFF2C5564)
YUV	74.4510, 12.5957, -26.7055
Hunter-Lab	28.2003, -7.6538, -8.1056

Details

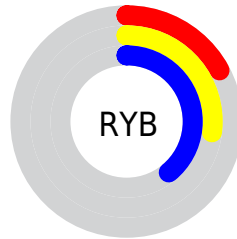
The YUV color **74.4510, 12.5957, -26.7055** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.5490, -12.5957, 26.7055**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5650, 13.0325, -26.8055**, and **29.5220, 11.5747, -25.8908** is the 20% darker color. If you saturate the color by 10%, you get **69.7000, 14.9379, -31.3089**, and if you desaturate by 10%, it is **79.2020, 10.2534, -22.1022**.

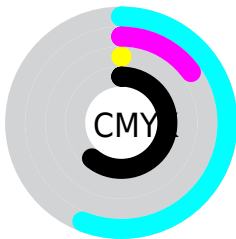
Distribution



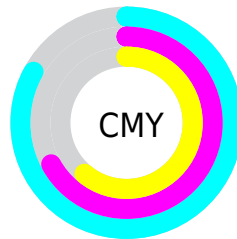
- Red (17%)
- Green (33%)
- Blue (39%)



- Red (17%)
- Yellow (27%)
- Blue (39%)



- Cyan (56%)
- Magenta (15%)
- Yellow (0%)
- Black (61%)



- Cyan (83%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4510, 12.5957, -26.7055 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 74.4510, 12.5957, -26.7055 by changing the saturation by 10% instead.

■ 74.4510, 12.5957,
-26.7055

■ 74.4510, 12.5957,
-26.7055

■ 255.0000, 0.0000,
0.0000

■ 50.1410, 12.7485,
-29.0647

■ 124.5650, 13.0325,
-26.8055

■ 29.5220, 11.5747,
-25.8908

■ 150.6790, 13.4693,
-26.9055

■ 15.3880, 8.1897,
-13.4953

■ 177.6790, 13.4693,
-26.9055

■ 0.6840, 2.6208,
-0.5999

■ 205.3800, 13.6167,
-27.5203

■ 0.0000, 0.0000,
0.0000

■ 232.6960, 10.9959,
-26.9204

■ 247.8240, 3.5378,

-14.7546

■ 74.4510, 12.5957,
-26.7055

■ 74.4510, 12.5957,
-26.7055

■ 69.7000, 14.9379,
-31.3089

■ 79.2020, 10.2534,
-22.1022

■ 65.5360, 16.9908,
-36.4271

■ 83.3660, 8.2006,
-16.9840

■ 60.7850, 19.3330,
-41.0304

■ 88.1170, 5.8583,
-12.3806

■ 56.0340, 21.6752,
-45.6338

■ 92.8680, 3.5161,
-7.7772

■ 54.2510, 22.5543,
-47.5781

■ 97.0320, 1.4632,
-2.6591

■ 101.7830, -0.8790,
1.9443

■ 106.5340, -3.2213,
6.5477

■ 110.6980, -5.2741,
11.6659

■ 115.4490, -7.6164,
16.2692

Harmonies

Analogous

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



73.2890, 8.2385, -29.1945



74.4510, 12.5957, -26.7055



77.7450, 13.4367, -16.4394

Triad

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



74.4510, 12.5957, -26.7055



81.3490, 0.8139, 18.9879



77.8400, -10.7671, 0.1403

Complementary

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



74.4510, 12.5957, -26.7055



69.5490, -12.5957, 26.7055

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.



79.1510, -12.3994, 10.3916



74.4510, 12.5957, -26.7055



81.3510, -5.5960, 21.6172

Square

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



74.4510, 12.5957, -26.7055



81.7870, 6.5140, 10.7108



80.3630, -10.5320, 18.0986



76.0280, -5.9298, -11.4256

Rectangle

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



74.4510, 12.5957, -26.7055



79.8710, 12.3886, -6.9029



80.3630, -10.5320, 18.0986



78.6340, -11.6516, 3.8290

Sweetspot

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



74.4510, 12.5957, -26.7055



119.9000, 4.9793, -10.4363



78.5820, -9.6539, -30.3284



60.3520, 2.7845, -6.4477



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



74.4510, 12.5957, -26.7055



90.4860, 19.4804, -41.6452



58.0150, 20.6986, -12.2912



48.9180, 1.0264, -2.5591



62.4180, 25.9229, -54.7406



131.4870, 54.4829, -115.3141

Inverse Universe

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



65.4180, 9.6539, 30.3284



76.3090, 15.1307, 47.0870



85.9850, -20.6986, 12.2912



47.9510, 1.0102, 2.6740



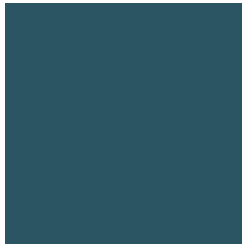
43.9610, 19.7392, 62.3012



92.5360, 41.6408, 131.0799

Previews

White Background



This preview shows how the YUV color 74.4510, 12.5957, -26.7055 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 74.4510, 12.5957, -26.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

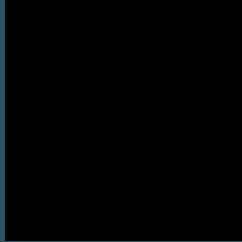
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4510, 12.5957, -26.7055

Background



This preview shows how black text looks on a background with the YUV color 74.4510, 12.5957, -26.7055.



This preview shows how white text looks on a background with the YUV color 74.4510, 12.5957,

-26.7055.

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

74.4510, 12.5957, -26.7055

Protanopia

80.0410, 7.8678, -3.5440

Deuteranopia

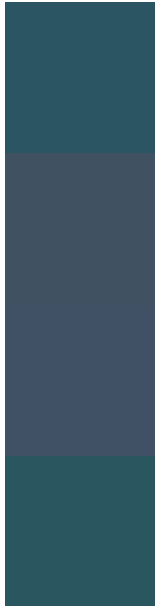
79.8390, 10.9254, -4.2438



Tritanopia

73.3430, 9.6909, -28.3648

Trichromacy



Original Color

74.4510, 12.5957, -26.7055

Protanomaly

77.7410, 9.4947, -12.0509

Deuteranomaly

78.1970, 11.2419, -12.4508

Tritanomaly

73.9840, 10.8539, -28.0500

Monochromacy



Original Color

74.4510, 12.5957, -26.7055

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4510, 12.5957, -26.7055 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(44, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(44, 85, 100)  
}
```

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(44, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 85, 100) }
```

Border

The CSS property to change the border of an element to YUV 74.4510, 12.5957, -26.7055 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(44, 85, 100) }
```


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

```
.border{ border-color:rgb(44, 85, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 85, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(44, 85,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 74.4510, 12.5957, -26.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 85, 100) }
```

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

```
.background{ background-color: rgb(44, 85,  
100) }
```

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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