

Converting Colors

YUV(74.9750, 7.9003, -14.0101)

Have a look what the booklet for
YUV(74.9750, 7.9003, -14.0101)
contains.

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Color

**YUV(74.9750, 7.9003,
-14.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	3B505B
RGB	59, 80, 91
RGB Percent	23%, 31%, 36%
CMY	0.7686, 0.6863, 0.6431
CMYK	0.35, 0.12, 0.00, 0.64
HSL	201°, 21%, 29%
HSV	201°, 35%, 36%
XYZ	6.5606, 7.4225, 10.9844
YIQ	74.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

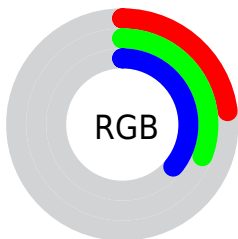
Format	Color
RYB	59, 72, 91
Decimal	3887195
CIELab	32.75, -5.03, -9.05
CIElCh	33, 10.354, 240.961
Yxy	7.4225, 0.2628, 0.2973
Android (android.graphics.Color)	4282077275 (0xFF3B505B)
YUV	74.9750, 7.9003, -14.0101
Hunter-Lab	27.2442, -4.6931, -4.8339

Details

The YUV color **74.9750, 7.9003, -14.0101** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.0250, -7.9003, 14.0101**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7900, 8.4845, -14.7248**, and **30.4480, 7.1741, -14.4249** is the 20% darker color. If you saturate the color by 10%, you get **70.5230, 10.0952, -17.9987**, and if you desaturate by 10%, it is **79.4270, 5.7055, -10.0215**.

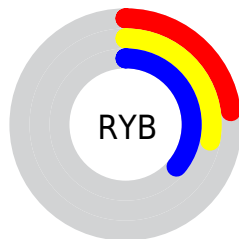
Distribution



Red (23%)

Green (31%)

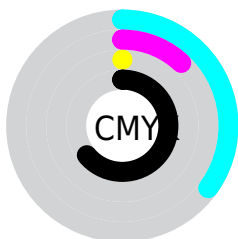
Blue (36%)



Red (23%)

Yellow (28%)

Blue (36%)

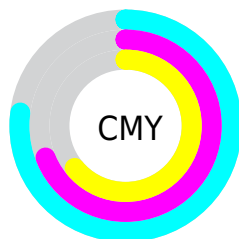


Cyan (35%)

Magenta (12%)

Yellow (0%)

Black (64%)



Cyan (77%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9750, 7.9003, -14.0101 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 74.9750, 7.9003, -14.0101 by changing the saturation by 10% instead.

■ 74.9750, 7.9003,
-14.0101

■ 74.9750, 7.9003,
-14.0101

■ 255.0000, 0.0000,
0.0000

■ 51.9750, 7.9003,
-14.0101

■ 123.7900, 8.4845,
-14.7248

■ 30.4480, 7.1741,
-14.4249

■ 149.9040, 8.9213,
-14.8248

■ 11.0680, 6.8685,
-9.7066

■ 176.6050, 9.0687,
-15.4396

■ 0.0000, 0.0000,
0.0000

■ 204.6050, 9.0687,
-15.4396

■ 232.3060, 9.2161,
-16.0544

■ 251.4120, 1.7689,

-7.3773

■ 74.9750, 7.9003,
-14.0101

■ 74.9750, 7.9003,
-14.0101

■ 70.5230, 10.0952,
-17.9987

■ 79.4270, 5.7055,
-10.0215

■ 66.0710, 12.2900,
-21.9873

■ 83.8790, 3.5107,
-6.0329

■ 61.6190, 14.4848,
-25.9759

■ 88.3310, 1.3158,
-2.0443

■ 56.5800, 16.9691,
-29.4497

■ 93.3700, -1.1684,
1.4295

■ 52.1280, 19.1639,
-33.4383

■ 98.1210, -3.5107,
6.0329

■ 47.3770, 21.5061,
-38.0416

■ 102.5730, -5.7055,
10.0215

■ 45.5940, 22.3852,
-39.9859

■ 107.0250, -7.9003,
14.0101

■ 111.4770,
-10.0952, 17.9987

■ 115.9290,
-12.2900, 21.9873

Harmonies

Analogous

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



73.6820, 5.5798, -16.3841



74.9750, 7.9003, -14.0101



76.7200, 8.0260, -7.6474

Triad

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



74.9750, 7.9003, -14.0101



78.2620, -0.6222, 12.9252



75.6810, -6.2517, -1.4742

Complementary

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



74.9750, 7.9003, -14.0101



75.0250, -7.9003, 14.0101

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.



76.9700, -7.8732, 5.2883



74.9750, 7.9003, -14.0101



78.2360, -4.5533, 13.8250

Square

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



74.9750, 7.9003, -14.0101



78.2660, 3.3199, 8.5367



77.5300, -7.1633, 10.9362



74.8480, -2.8831, -8.6367

Rectangle

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



74.9750, 7.9003, -14.0101



77.5250, 7.1362, -2.2144



77.5300, -7.1633, 10.9362



75.8770, -6.8414, 0.9849

Sweetspot

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



74.9750, 7.9003, -14.0101



110.7650, 3.0739, -5.9329



79.0380, -4.4557, -17.5733



54.8470, 2.0474, -3.3738



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.9750, 7.9003, -14.0101



92.3700, 12.1426, -21.3725



65.5830, 12.5306, -5.7733



43.3310, 1.3158, -2.0443



54.8040, 27.2116, -48.0631



118.5900, 58.3761, -104.0034

Inverse Universe

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



70.9620, 4.4557, 17.5733



86.2990, 6.7546, 26.9248



84.4170, -12.5306, 5.7733



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271



88.6470, 33.2050, 130.1056

Previews

White Background



This preview shows how the YUV color 74.9750, 7.9003, -14.0101 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 74.9750, 7.9003, -14.0101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

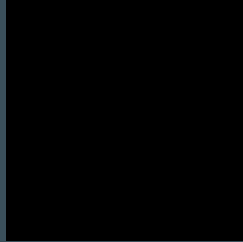
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.9750, 7.9003, -14.0101

Background



This preview shows how black text looks on a background with the YUV color 74.9750, 7.9003, -14.0101.



This preview shows how white text looks on a background with the YUV color 74.9750, 7.9003, -14.0101.

-14.0101.

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

74.9750, 7.9003, -14.0101

Protanopia

77.0690, 5.3890, -1.8145

Deuteranopia

77.5360, 7.1308, -0.4701



Tritanopia

74.8070, 6.0111, -14.7397

Trichromacy



Original Color

74.9750, 7.9003, -14.0101

Protanomaly

75.9760, 6.4208, -6.1180

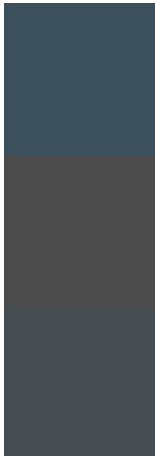
Deuteranomaly

76.6170, 7.5838, -5.8031

Tritanomaly

74.9210, 6.4479, -14.8397

Monochromacy



Original Color

74.9750, 7.9003, -14.0101

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0640, 2.9264, -5.3181

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9750, 7.9003, -14.0101 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(59, 80, 91)` looks like.

```
.text, #text, p{  
    color:rgb(59, 80, 91)  
}
```

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(59, 80, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 80, 91) }
```

Border

The CSS property to change the border of an element to YUV 74.9750, 7.9003, -14.0101 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(59, 80, 91) }
```


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

```
.border{ border-color:rgb(59, 80, 91) }
```

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

Here you see how a box with a 4 pixel rgb(59, 80, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 80, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 80, 91);  
box-shadow:4px 4px 4px 4px rgb(59, 80, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.9750, 7.9003, -14.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 80, 91) }
```

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

```
.background{ background-color: rgb(59, 80,  
91) }
```

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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