

Converting Colors

YUV(74.4760, 4.6953, -12.6955)

Have a look what the booklet for
YUV(74.4760, 4.6953, -12.6955)
contains.

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Color

**YUV(74.4760, 4.6953,
-12.6955)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5054
RGB	60, 80, 84
RGB Percent	24%, 31%, 33%
CMY	0.7647, 0.6863, 0.6706
CMYK	0.29, 0.05, 0.00, 0.67
HSL	190°, 17%, 28%
HSV	190°, 29%, 33%
XYZ	6.3324, 7.3381, 9.4701
YIQ	74.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

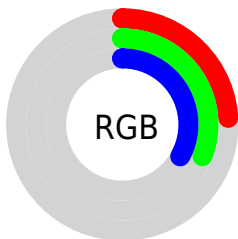
Format	Color
RYB	60, 71, 84
Decimal	3952724
CIELab	32.56, -6.63, -4.88
CIElCh	33, 8.235, 216.346
Yxy	7.3381, 0.2736, 0.3171
Android (android.graphics.Color)	4282142804 (0xFF3C5054)
YUV	74.4760, 4.6953, -12.6955
Hunter-Lab	27.0889, -5.6789, -1.7653

Details

The YUV color **74.4760, 4.6953, -12.6955** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.5240, -4.6953, 12.6955**, and the grayscale version is **74.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **123.1770, 4.8427, -13.3102**, and **30.3620, 4.2585, -12.5955** is the 20% darker color. If you saturate the color by 10%, you get **71.4970, 6.1640, -17.0989**, and if you desaturate by 10%, it is **77.4550, 3.2267, -8.2920**.

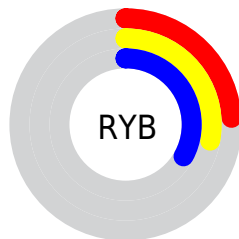
Distribution



 Red (24%)

 Green (31%)

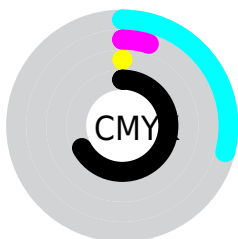
 Blue (33%)




 Red (24%)

 Yellow (28%)

 Blue (33%)

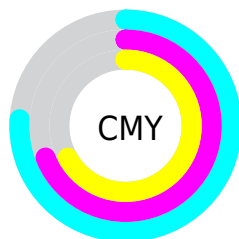


 Cyan (29%)


 Magenta (5%)

 Yellow (0%)

 Black (67%)



 Cyan (76%)

 Magenta (69%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4760, 4.6953, -12.6955 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 74.4760, 4.6953, -12.6955 by changing the saturation by 10% instead.

■ 74.4760, 4.6953,
-12.6955

■ 74.4760, 4.6953,
-12.6955

■ 255.0000, 0.0000,
0.0000

■ 51.7750, 4.5479,
-12.0807

■ 123.1770, 4.8427,
-13.3102

■ 30.3620, 4.2585,
-12.5955

■ 149.2910, 5.2795,
-13.4102

■ 10.3840, 4.2477,
-9.1068

■ 175.9920, 5.4269,
-14.0250

■ 0.0000, 0.0000,
0.0000

■ 203.5790, 5.1376,
-14.5398

■ 231.6930, 5.5744,
-14.6398

■ 251.4120, 1.7689,

-7.3773

■ 74.4760, 4.6953,
-12.6955

■ 74.4760, 4.6953,
-12.6955

■ 71.4970, 6.1640,
-17.0989

■ 77.4550, 3.2267,
-8.2920

■ 67.6320, 8.0694,
-21.6023

■ 81.3200, 1.3212,
-3.7886

■ 64.6530, 9.5381,
-26.0057

■ 84.2990, -0.1474,
0.6148

■ 60.7880, 11.4435,
-30.5091

■ 88.1640, -2.0529,
5.1182

■ 57.8090, 12.9122,
-34.9125

■ 91.1430, -3.5215,
9.5216

■ 54.8300, 14.3808,
-39.3159

■ 94.1220, -4.9901,
13.9250

■ 50.9650, 16.2863,
-43.8193

■ 97.9870, -6.8956,
18.4284

■ 50.6660, 16.4337,
-44.4341

■ 100.9660, -8.3642,
22.8318

■ 104.8310,
-10.2697, 27.3352

Harmonies

Analogous

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



74.0910, 1.9271, -11.4808



74.4760, 4.6953, -12.6955



75.5410, 6.1423, -10.1215

Triad

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



74.4760, 4.6953, -12.6955



77.9130, 2.0149, 7.0923



76.4150, -6.1206, 3.1440

Complementary

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



74.4760, 4.6953, -12.6955



69.5240, -4.6953, 12.6955

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.



76.5620, -5.7001, 8.2771



74.4760, 4.6953, -12.6955



77.7240, -1.3429, 10.7661

Square

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



74.4760, 4.6953, -12.6955



77.2760, 4.7939, 2.3889



77.6270, -4.2531, 10.8511



75.7240, -4.7939, -2.3889

Rectangle

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



74.4760, 4.6953, -12.6955



75.9760, 6.4208, -6.1180



77.6270, -4.2531, 10.8511



76.7250, -6.2734, 5.5032

Sweetspot

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



74.4760, 4.6953, -12.6955



105.8360, 2.0529, -5.1182



74.5440, -5.1982, -12.7551



53.6190, 1.1738, -3.1739



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



74.4760, 4.6953, -12.6955



94.5290, 7.6272, -19.7579



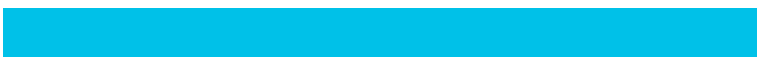
67.4320, 8.1680, -6.5179



39.2170, 0.8790, -1.9443



63.0390, 20.6868, -55.2852



139.7390, 45.4847, -122.5511

Inverse Universe

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



69.4560, 5.1982, 12.7551



86.8960, 7.9393, 20.2622



76.5680, -8.1680, 6.5179



38.5380, 0.7208, 2.1592



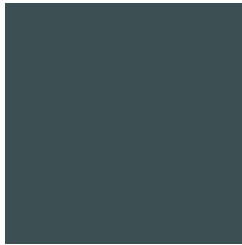
41.3130, 22.5237, 55.8535



91.3700, 50.1036, 123.3325

Previews

White Background



This preview shows how the YUV color 74.4760, 4.6953, -12.6955 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 74.4760, 4.6953, -12.6955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

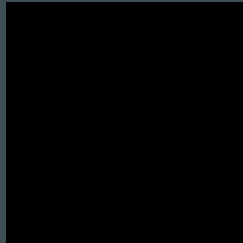
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4760, 4.6953, -12.6955

Background



This preview shows how black text looks on a background with the YUV color 74.4760, 4.6953, -12.6955.



This preview shows how white text looks on a background with the YUV color 74.4760, 4.6953, -12.6955.

-12.6955.

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

74.4760, 4.6953, -12.6955

Protanopia

76.5700, 2.1840, -0.4999

Deuteranopia

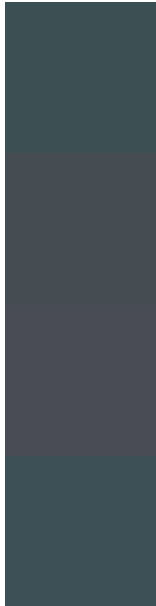
77.0480, 3.9203, 2.5889



Tritanopia

74.7040, 5.5689, -12.8954

Trichromacy



Original Color

74.4760, 4.6953, -12.6955

Protanomaly

75.4770, 3.2158, -4.8033

Deuteranomaly

76.1290, 4.3734, -2.7441

Tritanomaly

74.5900, 5.1321, -12.7954

Monochromacy



Original Color

74.4760, 4.6953, -12.6955

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4760, 4.6953, -12.6955 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(60, 80, 84)` looks like.

```
.text, #text, p{  
    color:rgb(60, 80, 84)  
}
```

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(60, 80, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 80, 84) }
```

Border

The CSS property to change the border of an element to YUV 74.4760, 4.6953, -12.6955 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(60, 80, 84) }
```


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

```
.border{ border-color:rgb(60, 80, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 80, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 80, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 80, 84);  
box-shadow:4px 4px 4px 4px rgb(60, 80, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.4760, 4.6953, -12.6955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 80, 84) }
```

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

```
.background{ background-color: rgb(60, 80,  
84) }
```

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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