

Converting Colors

YUV(76.6930, 5.5744, -14.6398)

Have a look what the booklet for
YUV(76.6930, 5.5744, -14.6398)
contains.

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Color

**YUV(76.6930, 5.5744,
-14.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5358
RGB	60, 83, 88
RGB Percent	24%, 33%, 35%
CMY	0.7647, 0.6745, 0.6549
CMYK	0.32, 0.06, 0.00, 0.65
HSL	191°, 19%, 29%
HSV	191°, 32%, 35%
XYZ	6.7182, 7.8518, 10.3940
YIQ	76.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

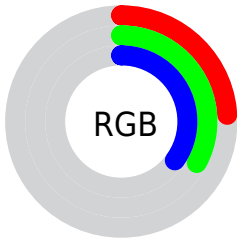
Format	Color
RYB	60, 73, 88
Decimal	3953496
CIELab	33.67, -7.37, -5.76
CIELCh	34, 9.358, 218.017
Yxy	7.8518, 0.2691, 0.3145
Android (android.graphics.Color)	4282143576 (0xFF3C5358)
YUV	76.6930, 5.5744, -14.6398
Hunter-Lab	28.0210, -6.2403, -2.3781

Details

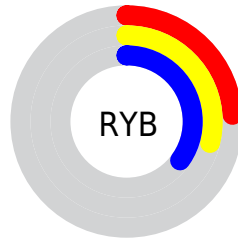
The YUV color **76.6930, 5.5744, -14.6398** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.3070, -5.5744, 14.6398**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5080, 6.1586, -15.3545**, and **31.6930, 5.5744, -14.6398** is the 20% darker color. If you saturate the color by 10%, you get **72.8280, 7.4798, -19.1432**, and if you desaturate by 10%, it is **80.5580, 3.6689, -10.1364**.

Distribution



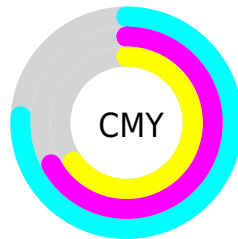
- Red (24%)
- Green (33%)
- Blue (35%)



- Red (24%)
- Yellow (29%)
- Blue (35%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (76%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6930, 5.5744, -14.6398 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 76.6930, 5.5744, -14.6398 by changing the saturation by 10% instead.

■ 76.6930, 5.5744,
-14.6398

■ 76.6930, 5.5744,
-14.6398

■ 255.0000, 0.0000,
0.0000

■ 53.6930, 5.5744,
-14.6398

■ 125.5080, 6.1586,
-15.3545

■ 31.6930, 5.5744,
-14.6398

■ 152.0950, 5.8692,
-15.8693

■ 13.0740, 4.4005,
-11.4659

■ 178.7960, 6.0166,
-16.4841

■ 0.0000, 0.0000,
0.0000

■ 205.9100, 6.4534,
-16.5841

■ 234.6110, 6.6008,
-17.1988

■ 251.7110, 1.6215,

-6.7625

■ 76.6930, 5.5744,
-14.6398

■ 76.6930, 5.5744,
-14.6398

■ 72.8280, 7.4798,
-19.1432

■ 80.5580, 3.6689,
-10.1364

■ 69.5500, 9.0959,
-24.1613

■ 83.8360, 2.0529,
-5.1182

■ 65.9840, 10.8539,
-28.0500

■ 87.4020, 0.2948,
-1.2296

■ 62.7060, 12.4699,
-33.0682

■ 90.6800, -1.3212,
3.7886

■ 58.8410, 14.3754,
-37.5716

■ 94.5450, -3.2267,
8.2920

■ 55.5630, 15.9914,
-42.5898

■ 97.8230, -4.8427,
13.3102

■ 52.2960, 17.6021,
-45.8636

■ 101.6880, -6.7482,
17.8136

■ 105.2540, -8.5062,
21.7022

■ 108.5320,
-10.1223, 26.7204

Harmonies

Analogous

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



76.7810, 2.0800, -13.8399



76.6930, 5.5744, -14.6398



77.5840, 7.6001, -11.0362

Triad

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



76.6930, 5.5744, -14.6398



80.9240, 2.0095, 8.8367



78.6000, -6.7048, 3.8588

Complementary

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



76.6930, 5.5744, -14.6398



71.3070, -5.5744, 14.6398

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.



79.6330, -6.7211, 9.0919



76.6930, 5.5744, -14.6398



80.6210, -1.7852, 12.6104

Square

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



76.6930, 5.5744, -14.6398



80.3900, 5.2307, 2.2890



80.1110, -4.9847, 12.1807



78.1970, -5.5201, -2.8038

Rectangle

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



76.6930, 5.5744, -14.6398



78.6060, 7.5892, -7.5475



80.1110, -4.9847, 12.1807



78.7960, -7.2944, 6.3179

Sweetspot

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



76.6930, 5.5744, -14.6398



110.2380, 2.3477, -6.3477



77.0060, -5.9190, -14.9143



55.7330, 1.6106, -3.2738



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.



76.6930, 5.5744, -14.6398



97.1480, 8.8010, -22.9318



68.4750, 9.6258, -7.4326



41.8040, 0.5896, -2.4591



63.8540, 21.2710, -56.0000



140.0810, 46.7951, -122.8510

Inverse Universe

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



70.9940, 5.9190, 14.9143



88.2600, 9.2388, 23.4510



79.5250, -9.6258, 7.4326



40.6520, 1.1576, 2.0592



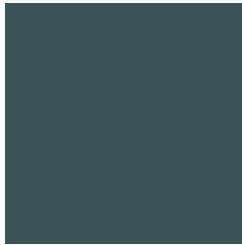
42.0250, 22.6657, 56.9831



92.2670, 49.6614, 125.1768

Previews

White Background



This preview shows how the YUV color 76.6930, 5.5744, -14.6398 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 76.6930, 5.5744, -14.6398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

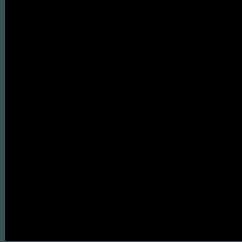
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6930, 5.5744, -14.6398

Background



This preview shows how black text looks on a background with the YUV color 76.6930, 5.5744, -14.6398.



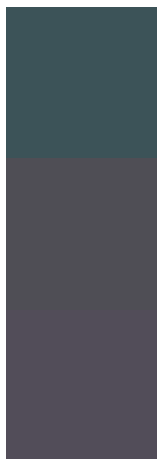
This preview shows how white text looks on a background with the YUV color 76.6930, 5.5744, -14.6398.

-14.6398.

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

76.6930, 5.5744, -14.6398

Protanopia

79.0970, 2.9102, -0.0851

Deuteranopia

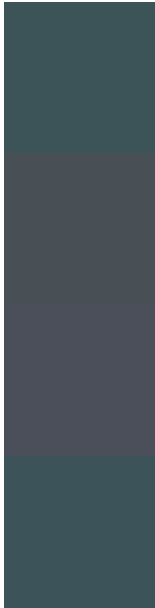
79.8630, 4.5045, 1.8741



Tritanopia

76.8070, 6.0111, -14.7397

Trichromacy



Original Color

76.6930, 5.5744, -14.6398

Protanomaly

78.2920, 3.8000, -5.5181

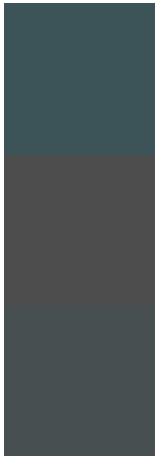
Deuteranomaly

78.6450, 5.1050, -4.0737

Tritanomaly

76.8070, 6.0111, -14.7397

Monochromacy



Original Color

76.6930, 5.5744, -14.6398

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8360, 2.0529, -5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6930, 5.5744, -14.6398 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, 83, 88)` looks like.

```
.text, #text, p{  
    color:rgb(60, 83, 88)  
}
```

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, 83, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 83, 88) }
```

Border

The CSS property to change the border of an element to YUV 76.6930, 5.5744, -14.6398 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, 83, 88) }
```


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

```
.border{ border-color:rgb(60, 83, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 83, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 83, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 83, 88);  
box-shadow:4px 4px 4px 4px rgb(60, 83, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6930, 5.5744, -14.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 83, 88) }
```

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

```
.background{ background-color: rgb(60, 83,  
88) }
```

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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