

Converting Colors

YUV(77.0550, 13.2839,
-14.0802)

Have a look what the booklet for
YUV(77.0550, 13.2839, -14.0802)
contains.

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Color

**YUV(77.0550, 13.2839,
-14.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5068
RGB	61, 80, 104
RGB Percent	24%, 31%, 41%
CMY	0.7608, 0.6863, 0.5922
CMYK	0.41, 0.23, 0.00, 0.59
HSL	213°, 26%, 32%
HSV	213°, 41%, 41%
XYZ	7.2918, 7.7289, 14.2042
YIQ	77.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

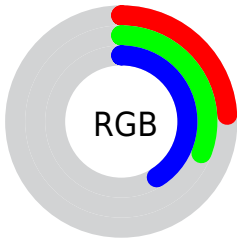
Format	Color
R_{YB}	61, 74, 104
Decimal	4018280
CIE _{Lab}	33.41, -0.53, -16.24
CIE _{LCh}	33, 16.249, 268.146
Yxy	7.7289, 0.2495, 0.2645
Android (android.graphics.Color)	4282208360 (0xFF3D5068)
YUV	77.0550, 13.2839, -14.0802
Hunter-Lab	27.8009, -1.8333, -10.8322

Details

The YUV color **77.0550, 13.2839, -14.0802** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **87.9450, -13.2839, 14.0802**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2830, 14.1575, -14.2802**, and **31.5170, 12.5631, -16.2394** is the 20% darker color. If you saturate the color by 10%, you get **70.5430, 16.4943, -17.1392**, and if you desaturate by 10%, it is **83.5670, 10.0735, -11.0213**.

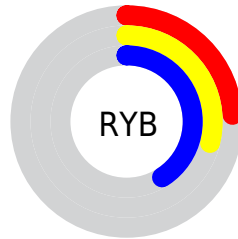
Distribution



Red (24%)

Green (31%)

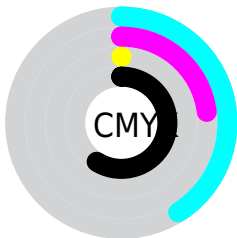
Blue (41%)



Red (24%)

Yellow (29%)

Blue (41%)

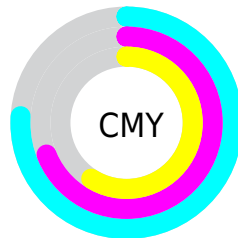


Cyan (41%)

Magenta (23%)

Yellow (0%)

Black (59%)



Cyan (76%)

Magenta (69%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0550, 13.2839, -14.0802 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 77.0550, 13.2839, -14.0802 by changing the saturation by 10% instead.

■ 77.0550, 13.2839,
-14.0802

■ 77.0550, 13.2839,
-14.0802

■ 255.0000, 0.0000,
0.0000

■ 53.6420, 12.9945,
-14.5950

■ 126.2830, 14.1575,
-14.2802

■ 31.5170, 12.5631,
-16.2394

■ 152.3970, 14.5943,
-14.3802

■ 12.2080, 11.2365,
-10.7064

■ 179.5110, 15.0311,
-14.4801

■ 1.3680, 5.2416,
-1.1997

■ 206.6250, 15.4679,
-14.5801

■ 0.0000, 0.0000,
0.0000

■ 233.9580, 10.3737,
-13.9952

■ 252.6080, 1.1793,

-4.9182

■ 77.0550, 13.2839,
-14.0802

■ 77.0550, 13.2839,
-14.0802

■ 70.5430, 16.4943,
-17.1392

■ 83.5670, 10.0735,
-11.0213

■ 63.7320, 19.8521,
-20.8130

■ 90.3780, 6.7156,
-7.3475

■ 57.8070, 22.7731,
-24.3867

■ 96.3030, 3.7946,
-3.7737

■ 50.9960, 26.1310,
-28.0605

■ 103.1140, 0.4368,
-0.1000

■ 44.4840, 29.3414,
-31.1195

■ 109.6260, -2.7736,
2.9590

■ 38.8580, 32.1150,
-34.0785

■ 116.1380, -5.9840,
6.0180

■ 122.9490, -9.3419,
9.6917

■ 128.8740,
-12.2629, 13.2655

■ 135.6850,
-15.6207, 16.9393

Harmonies

Analogous

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



73.5760, 13.0270, -25.0612



77.0550, 13.2839, -14.0802



79.7470, 10.4777, -0.6551

Triad

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



77.0550, 13.2839, -14.0802



79.8240, -6.3222, 21.2024



74.6580, -4.7614, -12.8551

Complementary

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



77.0550, 13.2839, -14.0802



87.9450, -13.2839, 14.0802

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.



76.3560, -10.0355, -1.1892



77.0550, 13.2839, -14.0802



78.9500, -10.8214, 17.5838

Square

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



77.0550, 13.2839, -14.0802



80.4200, -0.2071, 19.8027



77.8520, -12.2520, 9.7768



73.0140, 1.9651, -23.6913

Rectangle

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



77.0550, 13.2839, -14.0802



80.7050, 7.5404, 8.1517



77.8520, -12.2520, 9.7768



75.6970, -7.2456, -9.3813

Sweetspot

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



77.0550, 13.2839, -14.0802



124.9330, 4.9630, -5.2032



88.9770, -1.9607, -24.5358



62.4880, 3.2104, -3.0590



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



77.0550, 13.2839, -14.0802



92.6610, 20.8731, -21.6277



66.5000, 18.4875, -3.0695



47.7440, 1.6052, -1.5295



43.0470, 35.4728, -37.7522



90.3970, 74.7403, -79.2782

Inverse Universe

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



76.0230, 1.9607, 24.5358



91.3390, 2.7909, 38.2907



98.5000, -18.4875, 3.0695



47.7230, 0.1366, 2.8739



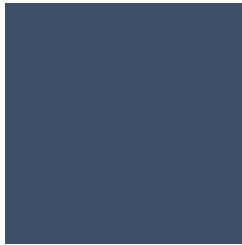
40.1990, 5.3249, 65.6005



84.5560, 11.0649, 138.0784

Previews

White Background



This preview shows how the YUV color 77.0550, 13.2839, -14.0802 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 77.0550, 13.2839, -14.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

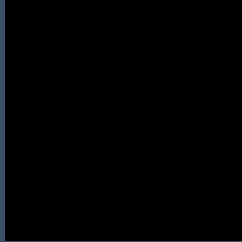
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

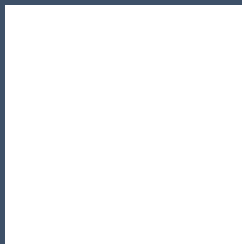
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.0550, 13.2839, -14.0802

Background



This preview shows how black text looks on a background with the YUV color 77.0550, 13.2839, -14.0802.

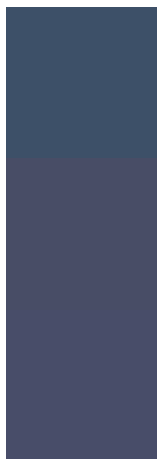


This preview shows how white text looks on a background with the YUV color 77.0550, 13.2839,

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

77.0550, 13.2839, -14.0802

Protanopia

78.3550, 11.6570, -5.5733

Deuteranopia

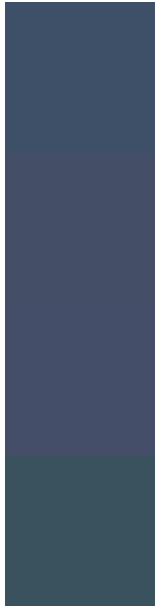
78.6970, 12.9674, -5.8733



Tritanopia

75.9100, 6.4534, -16.5841

Trichromacy



Original Color

77.0550, 13.2839, -14.0802

Protanomaly

77.8600, 12.3940, -8.6472

Deuteranomaly

78.0880, 13.2676, -8.8472

Tritanomaly

76.1920, 8.7793, -15.9544

Monochromacy



Original Color

77.0550, 13.2839, -14.0802

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9330, 4.9630, -5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0550, 13.2839, -14.0802 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(61, 80, 104)` looks like.

```
.text, #text, p{  
    color:rgb(61, 80, 104)  
}
```

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(61, 80, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 80, 104) }
```

Border

The CSS property to change the border of an element to YUV 77.0550, 13.2839, -14.0802 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(61, 80, 104) }
```


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

```
.border{ border-color:rgb(61, 80, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 80, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 80, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 80, 104);  
box-shadow:4px 4px 4px 4px rgb(61, 80,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 77.0550, 13.2839, -14.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 80, 104) }
```

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

```
.background{ background-color: rgb(61, 80,  
104) }
```

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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