

Converting Colors

YUV(75.1570, -1.5564, -14.1697)

Have a look what the booklet for
YUV(75.1570, -1.5564, -14.1697)
contains.

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Color

**YUV(75.1570, -1.5564,
-14.1697)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5448
RGB	59, 84, 72
RGB Percent	23%, 33%, 28%
CMY	0.7686, 0.6706, 0.7176
CMYK	0.30, 0.00, 0.14, 0.67
HSL	151°, 17%, 28%
HSV	151°, 30%, 33%
XYZ	6.1437, 7.7383, 7.3007
YIQ	75.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

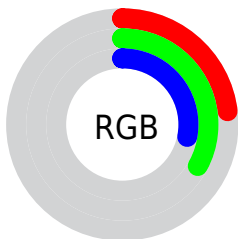
Format	Color
RYB	59, 75, 84
Decimal	3888200
CIELab	33.43, -12.41, 3.98
CIElCh	33, 13.027, 162.231
Yxy	7.7383, 0.2900, 0.3653
Android (android.graphics.Color)	4282078280 (0xFF3B5448)
YUV	75.1570, -1.5564, -14.1697
Hunter-Lab	27.8179, -9.2590, 3.9120

Details

The YUV color **75.1570, -1.5564, -14.1697** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.8430, 1.5564, 14.1697**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3310, -2.1352, -15.1993**, and **30.6840, -0.8302, -13.7549** is the 20% darker color. If you saturate the color by 10%, you get **72.3090, -2.1243, -18.6880**, and if you desaturate by 10%, it is **78.0050, -0.9885, -9.6514**.

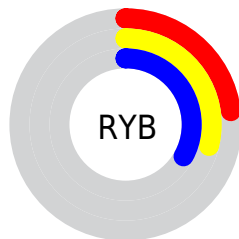
Distribution



 Red (23%)

 Green (33%)

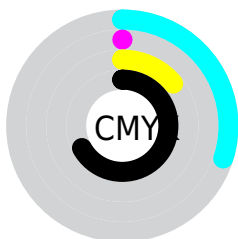
 Blue (28%)




 Red (23%)

 Yellow (29%)

 Blue (33%)

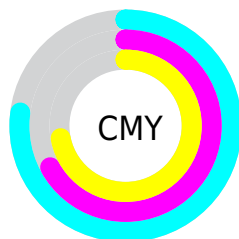


 Cyan (30%)

 Magenta (0%)

 Yellow (14%)

 Black (67%)



 Cyan (77%)

 Magenta (67%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1570, -1.5564, -14.1697 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 75.1570, -1.5564, -14.1697 by changing the saturation by 10% instead.

■ 75.1570, -1.5564,
-14.1697

■ 75.1570, -1.5564,
-14.1697

■ 255.0000, 0.0000,
0.0000

■ 52.5700, -1.2670,
-13.6549

■ 124.3310, -2.1352,
-15.1993

■ 30.6840, -0.8302,
-13.7549

■ 150.0320, -1.9878,
-15.8141

■ 11.3810, -4.6248,
-9.9811

■ 177.0320, -1.9878,
-15.8141

■ 0.0000, 0.0000,
0.0000

■ 204.6190, -2.2772,
-16.3289

■ 232.6190, -2.2772,
-16.3289

■ 251.1130, 1.9163,

-7.9921

■ 75.1570, -1.5564,
-14.1697

■ 75.1570, -1.5564,
-14.1697

■ 72.3090, -2.1243,
-18.6880

■ 78.0050, -0.9885,
-9.6514

■ 69.1620, -2.5449,
-23.8211

■ 81.1520, -0.5679,
-4.5183

■ 66.3140, -3.1128,
-28.3394

■ 84.0000, 0.0000,
0.0000

■ 63.1670, -3.5333,
-33.4725

■ 87.1470, 0.4205,
5.1331

■ 60.3190, -4.1013,
-37.9908

■ 89.9950, 0.9885,
9.6514

■ 57.4710, -4.6692,
-42.5091

■ 92.8430, 1.5564,
14.1697

■ 54.3240, -5.0897,
-47.6421

■ 95.9900, 1.9769,
19.3028

■ 98.8380, 2.5449,
23.8211

■ 101.9850, 2.9654,
28.9542

Harmonies

Analogous

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



76.2460, -6.5303, -5.4777



75.1570, -1.5564, -14.1697



74.6060, 4.1382, -20.7025

Triad

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



75.1570, -1.5564, -14.1697



78.6000, 10.0572, -5.7882



79.5630, -7.1796, 16.1692

Complementary

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



75.1570, -1.5564, -14.1697



67.8430, 1.5564, 14.1697

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.



80.1270, -2.5276, 17.4286



75.1570, -1.5564, -14.1697



80.4550, 6.6777, 4.8630

Square

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



75.1570, -1.5564, -14.1697



76.3600, 10.6685, -15.2247



80.3590, 2.2880, 12.8402



78.8460, -9.7841, 11.5361

Rectangle

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



75.1570, -1.5564, -14.1697



74.1050, 7.3432, -22.0171



80.3590, 2.2880, 12.8402



79.6170, -5.7272, 16.9989

Sweetspot

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



75.1570, -1.5564, -14.1697



106.4400, -0.7099, -5.6479



77.2630, -9.0037, -5.4927



53.8640, -0.4260, -3.3887



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.



75.1570, -1.5564, -14.1697



95.8740, -2.4029, -22.6915



76.5250, 3.6852, -15.3694



39.5760, -0.2840, -2.2592



67.7910, -6.7990, -59.4527



149.9780, -14.2862, -131.5307

Inverse Universe

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



67.8430, 1.5564, 14.1697



84.1260, 2.4029, 22.6915



66.4750, -3.6852, 15.3694



38.4240, 0.2840, 2.2592



37.0950, 6.3622, 59.5527



82.0220, 14.2862, 131.5307

Previews

White Background



This preview shows how the YUV color 75.1570, -1.5564, -14.1697 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 75.1570, -1.5564, -14.1697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

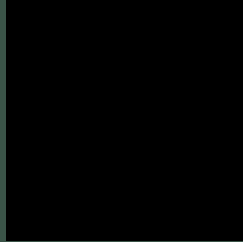
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1570, -1.5564, -14.1697

Background



This preview shows how black text looks on a background with the YUV color 75.1570, -1.5564, -14.1697.



This preview shows how white text looks on a background with the YUV color 75.1570, -1.5564,

-14.1697.

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

75.1570, -1.5564, -14.1697

Protanopia

78.1700, -4.5208, 3.3589

Deuteranopia

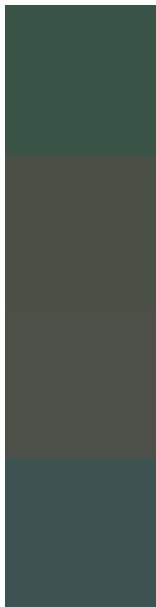
79.3600, -2.6425, 7.5773



Tritanopia

76.7040, 5.5689, -12.8954

Trichromacy



Original Color

75.1570, -1.5564, -14.1697

Protanomaly

77.0660, -3.4835, -2.6889

Deuteranomaly

77.7180, -2.3260, -0.6297

Tritanomaly

76.3080, 2.8062, -13.4251

Monochromacy



Original Color

75.1570, -1.5564, -14.1697

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8530, -0.4205, -5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1570, -1.5564, -14.1697 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, 84, 72)` looks like.

```
.text, #text, p{  
    color:rgb(59, 84, 72)  
}
```

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, 84, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 84, 72) }
```

Border

The CSS property to change the border of an element to YUV 75.1570, -1.5564, -14.1697 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, 84, 72) }
```


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

```
.border{ border-color:rgb(59, 84, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 84, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 84, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 84, 72);  
box-shadow:4px 4px 4px 4px rgb(59, 84, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1570, -1.5564, -14.1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 84, 72) }
```

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

```
.background{ background-color: rgb(59, 84,  
72) }
```

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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