

Converting Colors

YUV(74.5570, 12.0504, 8.2815)

Have a look what the booklet for
YUV(74.5570, 12.0504, 8.2815)
contains.

YUV(74.5570, 12.0504, 8.2815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.5570, 12.0504,
8.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	544163
RGB	84, 65, 99
RGB Percent	33%, 25%, 39%
CMY	0.6706, 0.7451, 0.6118
CMYK	0.15, 0.34, 0.00, 0.61
HSL	274°, 21%, 32%
HSV	274°, 34%, 39%
XYZ	7.7986, 6.5663, 12.6608
YIQ	74.5570, 0.4100, 14.6020

Conversions

Conversions Part 2

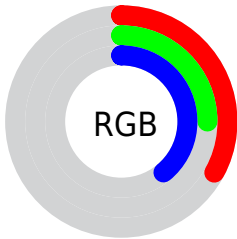
Format	Color
R_{YB}	84, 65, 99
Decimal	5521763
CIE Lab	30.80, 15.55, -16.93
CIE LCh	31, 22.989, 312.567
Yxy	6.5663, 0.2886, 0.2430
Android (android.graphics.Color)	4283711843 (0xFF544163)
YUV	74.5570, 12.0504, 8.2815
Hunter-Lab	25.6247, 9.4811, -11.3569

Details

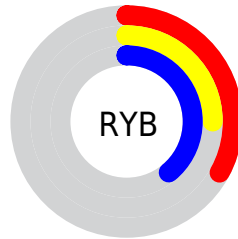
The YUV color **74.5570, 12.0504, 8.2815** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.4430, -12.0504, -8.2815**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4970, 13.0660, 9.2111**, and **30.2040, 10.7454, 6.8371** is the 20% darker color. If you saturate the color by 10%, you get **67.4910, 15.5339, 10.9704**, and if you desaturate by 10%, it is **81.6230, 8.5669, 5.5926**.

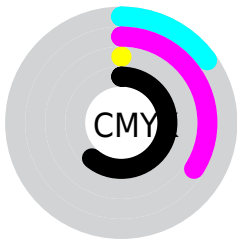
Distribution



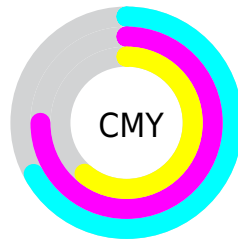
- Red (33%)
- Green (25%)
- Blue (39%)



- Red (33%)
- Yellow (25%)
- Blue (39%)



- Cyan (15%)
- Magenta (34%)
- Yellow (0%)
- Black (61%)



- Cyan (67%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5570, 12.0504, 8.2815 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 74.5570, 12.0504, 8.2815 by changing the saturation by 10% instead.

■ 74.5570, 12.0504,
8.2815

■ 74.5570, 12.0504,
8.2815

■ 255.0000, 0.0000,
0.0000

■ 51.7310, 11.4716,
7.2519

■ 123.4970, 13.0660,
9.2111

■ 30.2040, 10.7454,
6.8371

■ 149.6110, 13.5028,
9.1112

■ 9.5140, 10.5926,
9.1962

■ 176.3230, 13.6448,
10.2407

■ 0.3420, 1.3104,
-0.2999

■ 203.4370, 14.0816,
10.1408

■ 0.0000, 0.0000,
0.0000

■ 231.1660, 11.7502,
11.2554

■ 251.4780, 1.7363,

3.0888

■ 74.5570, 12.0504,
8.2815

■ 74.5570, 12.0504,
8.2815

■ 67.4910, 15.5339,
10.9704

■ 81.6230, 8.5669,
5.5926

■ 60.1260, 19.1649,
13.0445

■ 88.9880, 4.9359,
3.5185

■ 53.0600, 22.6484,
15.7334

■ 96.0540, 1.4524,
0.8296

■ 45.9940, 26.1320,
18.4223

■ 103.1200, -2.0312,
-1.8592

■ 38.6290, 29.7629,
20.4964

■ 110.4850, -5.6621,
-3.9333

■ 32.1500, 32.9570,
22.6705

■ 116.9640, -8.8563,
-6.1074

■ 27.7310, 35.1356,
23.9149

■ 124.3290,
-12.4872, -8.1815

■ 131.3950,
-15.9707, -10.8704

■ 138.4610,
-19.4543, -13.5593

Harmonies

Analogous

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



71.8040, 17.3516, -12.1061



74.5570, 12.0504, 8.2815



74.9950, 4.4395, 22.8064

Triad

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



74.5570, 12.0504, 8.2815



72.0550, -16.7891, 18.3688



57.2540, 11.2138, -50.2118

Complementary

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



74.5570, 12.0504, 8.2815



89.4430, -12.0504, -8.2815

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.



64.3680, -1.6604, -27.5097



74.5570, 12.0504, 8.2815



70.3800, -16.4563, 4.9287

Square

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



74.5570, 12.0504, 8.2815



73.0760, -11.8695, 27.1203



67.9590, -11.3188, -9.6110



58.4910, 18.4919, -51.2966

Rectangle

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



74.5570, 12.0504, 8.2815



73.9480, -0.9604, 28.1096



67.9590, -11.3188, -9.6110



59.1470, 6.8295, -43.9789

Sweetspot

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



74.5570, 12.0504, 8.2815



118.5750, 4.6465, 3.0037



77.6810, 10.5103, -11.1212



58.1080, 2.9048, 1.6593



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



74.5570, 12.0504, 8.2815



89.7130, 18.8755, 12.5297



78.8140, 8.9657, 17.7031



45.0540, 1.4524, 0.8296



31.6050, 39.6347, 27.5334



67.4260, 85.0790, 58.3854

Inverse Universe

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



76.8760, 1.5401, 19.4027



93.4690, 2.2338, 30.2837



85.1860, -8.9657, -17.7031



45.4240, 0.2840, 2.2592



39.1880, 5.3303, 63.8561



83.8440, 10.9229, 136.9488

Previews

White Background



This preview shows how the YUV color 74.5570, 12.0504, 8.2815 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 74.5570, 12.0504, 8.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

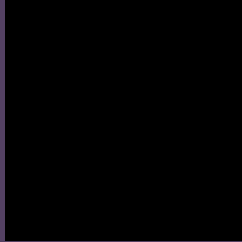
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5570, 12.0504, 8.2815

Background



This preview shows how black text looks on a background with the YUV color 74.5570, 12.0504, 8.2815.

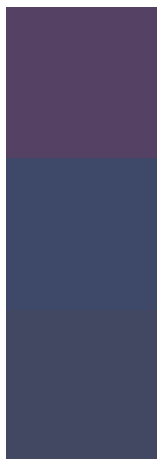


This preview shows how white text looks on a background with the YUV color 74.5570, 12.0504,

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

74.5570, 12.0504, 8.2815

Protanopia

72.6580, 15.4516, -9.3471

Deuteranopia

73.1700, 12.2412, -6.2881



Tritanopia

73.5600, 0.7099, 5.6479

Trichromacy



Original Color

74.5570, 12.0504, 8.2815

Protanomaly

73.0610, 14.2669, -2.6845

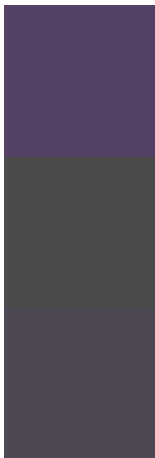
Deuteranomaly

73.5020, 12.0775, -0.4403

Tritanomaly

73.7110, 5.0725, 6.3925

Monochromacy



Original Color

74.5570, 12.0504, 8.2815

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.5750, 4.6465, 3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5570, 12.0504, 8.2815 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(84, 65, 99)` looks like.

```
.text, #text, p{  
    color:rgb(84, 65, 99)  
}
```

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(84, 65, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 65, 99) }
```

Border

The CSS property to change the border of an element to YUV 74.5570, 12.0504, 8.2815 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(84, 65, 99) }
```


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

```
.border{ border-color:rgb(84, 65, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 65, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 65, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 65, 99);  
box-shadow:4px 4px 4px 4px rgb(84, 65, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.5570, 12.0504, 8.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 65, 99) }
```

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

```
.background{ background-color: rgb(84, 65,  
99) }
```

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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