

Converting Colors

YUV(75.1000, 15.2337, 13.9443)

Have a look what the booklet for
YUV(75.1000, 15.2337, 13.9443)
contains.

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Color

**YUV(75.1000, 15.2337,
13.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3D6A
RGB	91, 61, 106
RGB Percent	36%, 24%, 42%
CMY	0.6431, 0.7608, 0.5843
CMYK	0.14, 0.42, 0.00, 0.58
HSL	280°, 27%, 33%
HSV	280°, 42%, 42%
XYZ	8.5846, 6.6022, 14.4576
YIQ	75.1000, 3.4350, 20.3550

Conversions

Conversions Part 2

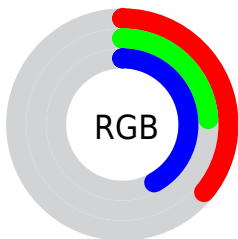
Format	Color
R_{YB}	91, 61, 106
Decimal	5979498
CIE _{Lab}	30.88, 22.25, -21.20
CIE _{LCh}	31, 30.733, 316.386
Yxy	6.6022, 0.2896, 0.2227
Android (android.graphics.Color)	4284169578 (0xFF5B3D6A)
YUV	75.1000, 15.2337, 13.9443
Hunter-Lab	25.6948, 14.6709, -15.3740

Details

The YUV color **75.1000, 15.2337, 13.9443** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.9000, -15.2337, -13.9443**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4530, 16.5387, 15.3887**, and **29.7470, 13.9287, 12.4999** is the 20% darker color. If you saturate the color by 10%, you get **67.4470, 19.0066, 17.1480**, and if you desaturate by 10%, it is **82.7530, 11.4608, 10.7406**.

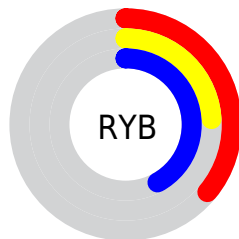
Distribution



Red (36%)

Green (24%)

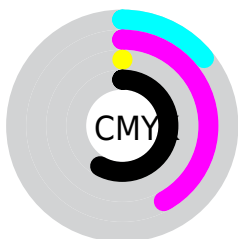
Blue (42%)



Red (36%)

Yellow (24%)

Blue (42%)

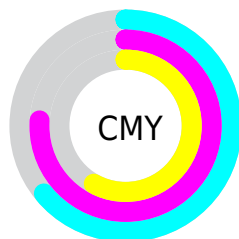


Cyan (14%)

Magenta (42%)

Yellow (0%)

Black (58%)



Cyan (64%)

Magenta (76%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1000, 15.2337, 13.9443 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 75.1000, 15.2337, 13.9443 by changing the saturation by 10% instead.

■ 75.1000, 15.2337,
13.9443

■ 75.1000, 15.2337,
13.9443

■ 255.0000, 0.0000,
0.0000

■ 52.2740, 14.6549,
12.9147

■ 124.4530, 16.5387,
15.3887

■ 29.7470, 13.9287,
12.4999

■ 150.8660, 16.8281,
15.9035

■ 11.9920, 12.3289,
12.2850

■ 177.2790, 17.1175,
16.4183

■ 2.0690, 5.3890,
-1.8145

■ 204.8060, 17.8436,
16.8331

■ 0.0000, 0.0000,
0.0000

■ 231.5090, 11.5811,
18.8476

■ 248.5430, 3.1833,

5.6628

■ 75.1000, 15.2337,
13.9443

■ 75.1000, 15.2337,
13.9443

■ 67.4470, 19.0066,
17.1480

■ 82.7530, 11.4608,
10.7406

■ 60.6800, 22.3428,
20.4516

■ 89.5200, 8.1246,
7.4370

■ 53.0270, 26.1157,
23.6553

■ 97.1730, 4.3517,
4.2333

■ 46.2600, 29.4518,
26.9590

■ 103.9400, 1.0156,
0.9296

■ 38.6070, 33.2247,
30.1627

■ 111.5930, -2.7573,
-2.2741

■ 33.3130, 35.8347,
33.0515

■ 118.9470, -6.3829,
-6.0925

■ 126.0130, -9.8664,
-8.7814

■ 133.3670,
-13.4919, -12.5999

■ 140.4330,
-16.9755, -15.2887

Harmonies

Analogous

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



71.6880, 23.3248, -14.6354



75.1000, 15.2337, 13.9443



73.9900, 5.4279, 32.4578

Triad

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



75.1000, 15.2337, 13.9443



71.1710, -22.7623, 20.8980



59.5850, 12.5296, -52.2560

Complementary

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



75.1000, 15.2337, 13.9443



91.9000, -15.2337, -13.9443

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.



56.2620, 2.3358, -49.3418



75.1000, 15.2337, 13.9443



68.8870, -22.1293, 4.4841

Square

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



75.1000, 15.2337, 13.9443



71.6810, -16.1117, 34.4828



65.6330, -13.6231, -17.2181



60.9190, 22.7179, -53.4260

Rectangle

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



75.1000, 15.2337, 13.9443



73.2590, -2.5927, 38.3609



65.6330, -13.6231, -17.2181



58.6730, 9.0352, -51.4562

Sweetspot

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



75.1000, 15.2337, 13.9443



125.6400, 6.0935, 5.5777



74.9350, 15.3150, -12.2210



61.3470, 3.7729, 3.2037



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.



75.1000, 15.2337, 13.9443



89.1470, 24.0845, 21.7961



78.6730, 9.5282, 23.9658



49.8800, 2.0312, 1.8592



36.6600, 39.6076, 36.2552



76.6670, 82.9882, 75.7140

Inverse Universe

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



76.1650, -0.0813, 26.1653



90.9650, 0.0173, 41.2497



88.3270, -9.5282, -23.9658



50.0220, -0.0108, 3.4887



39.4290, -0.2115, 68.0298



82.6030, -0.2973, 142.4222

Previews

White Background



This preview shows how the YUV color 75.1000, 15.2337, 13.9443 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 75.1000, 15.2337, 13.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

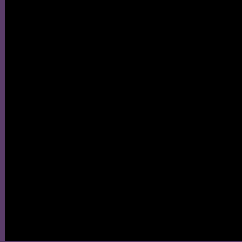
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1000, 15.2337, 13.9443

Background



This preview shows how black text looks on a background with the YUV color 75.1000, 15.2337, 13.9443.



This preview shows how white text looks on a background with the YUV color 75.1000, 15.2337,

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

75.1000, 15.2337, 13.9443

Protanopia

72.4170, 20.9934, -13.5207

Deuteranopia

72.6580, 15.4516, -9.3471



Tritanopia

73.9520, -0.4693, 10.5661

Trichromacy



Original Color

75.1000, 15.2337, 13.9443

Protanomaly

73.3150, 19.0717, -3.7843

Deuteranomaly

73.7130, 15.4245, -0.6253

Tritanomaly

74.1570, 5.3456, 12.1403

Monochromacy



Original Color

75.1000, 15.2337, 13.9443

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1000, 15.2337, 13.9443 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(91, 61, 106)` looks like.

```
.text, #text, p{  
    color:rgb(91, 61, 106)  
}
```

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(91, 61, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 61, 106) }
```

Border

The CSS property to change the border of an element to YUV 75.1000, 15.2337, 13.9443 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(91, 61, 106) }
```


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

```
.border{ border-color:rgb(91, 61, 106) }
```

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

Here you see how a box with a 4 pixel rgb(91, 61, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 61, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 61, 106);  
box-shadow:4px 4px 4px 4px rgb(91, 61,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 75.1000, 15.2337, 13.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 61, 106) }
```

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

```
.background{ background-color: rgb(91, 61,  
106) }
```

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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