

Converting Colors

YUV(63.7500, 22.8013, 13.3743)

Have a look what the booklet for
YUV(63.7500, 22.8013, 13.3743)
contains.

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Color

**YUV(63.7500, 22.8013,
13.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2F6E
RGB	79, 47, 110
RGB Percent	31%, 18%, 43%
CMY	0.6902, 0.8157, 0.5686
CMYK	0.28, 0.57, 0.00, 0.57
HSL	270°, 40%, 31%
HSV	270°, 57%, 43%
XYZ	7.0554, 4.8211, 15.3106
YIQ	63.7500, -1.1510, 26.3770

Conversions

Conversions Part 2

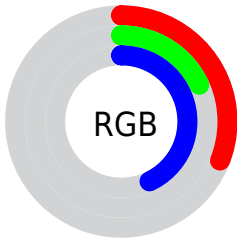
Format	Color
R_{YB}	79, 47, 110
Decimal	5189486
CIE _{Lab}	26.22, 28.16, -31.21
CIE _{LCh}	26, 42.035, 312.056
Yxy	4.8211, 0.2595, 0.1773
Android (android.graphics.Color)	4283379566 (0xFF4F2F6E)
YUV	63.7500, 22.8013, 13.3743
Hunter-Lab	21.9570, 18.9328, -25.9729

Details

The YUV color **63.7500, 22.8013, 13.3743** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.2500, -22.8012, -13.3742**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5160, 24.3956, 15.3335**, and **18.0980, 21.6437, 11.3151** is the 20% darker color. If you saturate the color by 10%, you get **55.7980, 26.7216, 15.9632**, and if you desaturate by 10%, it is **71.7020, 18.8809, 10.7853**.

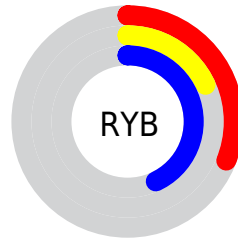
Distribution



Red (31%)

Green (18%)

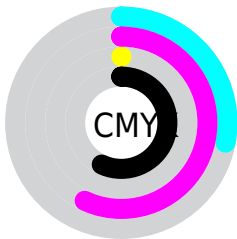
Blue (43%)



Red (31%)

Yellow (18%)

Blue (43%)

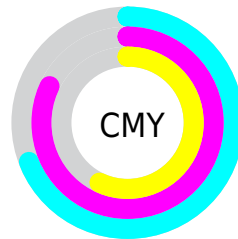


Cyan (28%)

Magenta (57%)

Yellow (0%)

Black (57%)



Cyan (69%)

Magenta (82%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7500, 22.8013, 13.3743 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 63.7500, 22.8013, 13.3743 by changing the saturation by 10% instead.

63.7500, 22.8013,
13.3743

63.7500, 22.8013,
13.3743

255.0000, 0.0000,
0.0000

40.8100, 21.7857,
12.4446

112.5160, 24.3956,
15.3335

18.0980, 21.6437,
11.3151

138.3420, 24.9744,
16.3631

4.4460, 17.0351,
-3.8991

164.8690, 25.7006,
16.7779

2.5250, 7.1362,
-2.2144

192.3960, 26.4268,
17.1927

0.0000, 0.0000,
0.0000

218.5290, 17.9802,
19.7071

239.1510, 7.8136,

13.8996

■ 63.7500, 22.8013,
13.3743

■ 63.7500, 22.8013,
13.3743

■ 55.7980, 26.7216,
15.9632

■ 71.7020, 18.8809,
10.7853

■ 47.5470, 30.7893,
17.9373

■ 79.9530, 14.8132,
8.8112

■ 39.5950, 34.7097,
20.5262

■ 87.9050, 10.8928,
6.2223

■ 31.3440, 38.7774,
22.5003

■ 96.1560, 6.8251,
4.2482

■ 29.2840, 39.7930,
23.4299

■ 104.1080, 2.9048,
1.6593

■ 112.0600, -1.0156,
-0.9296

■ 120.3110, -5.0833,
-2.9037

■ 128.2630, -9.0037,
-5.4927

■ 136.5140,
-13.0714, -7.4668

Harmonies

Analogous

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



50.6440, 36.6575, -44.4148



63.7500, 22.8013, 13.3743



60.2500, 11.2157, 42.7537

Triad

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



63.7500, 22.8013, 13.3743



58.6190, -28.8992, 29.2751



53.1620, 10.7661, -46.6231

Complementary

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



63.7500, 22.8013, 13.3743



93.2500, -22.8012, -13.3742

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.



48.6990, -3.7956, -42.7090



63.7500, 22.8013, 13.3743



57.5900, -28.3919, 6.4986

Square

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



63.7500, 22.8013, 13.3743



57.7750, -18.6231, 46.6783



51.1350, -21.7586, -21.1664



55.8810, 23.7227, -49.0076

Rectangle

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



63.7500, 22.8013, 13.3743



56.6120, 2.1633, 52.9603



51.1350, -21.7586, -21.1664



51.7940, 5.5246, -45.4233

Sweetspot

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



63.7500, 22.8013, 13.3743



125.3240, 8.7143, 4.9779



72.9660, 18.2578, -22.7722



60.6890, 5.0833, 2.9037



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



63.7500, 22.8013, 13.3743



70.2360, 35.8727, 20.8410



73.0190, 18.2316, 32.4323



51.5810, 2.1786, 1.2445



31.9190, 43.4239, 25.5040



65.8320, 89.3158, 52.7673

Inverse Universe

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



69.3710, 4.2541, 35.6316



79.1870, 6.8098, 55.9640



83.9810, -18.2316, -32.4323



52.1360, 0.4260, 3.3887



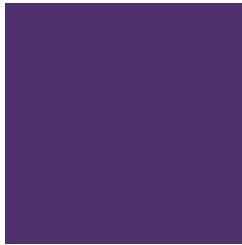
42.6060, 8.0822, 67.8745



87.7610, 16.8798, 139.6526

Previews

White Background



This preview shows how the YUV color 63.7500, 22.8013, 13.3743 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 63.7500, 22.8013, 13.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

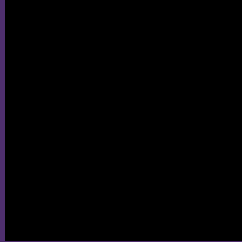
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7500, 22.8013, 13.3743

Background



This preview shows how black text looks on a background with the YUV color 63.7500, 22.8013, 13.3743.



This preview shows how white text looks on a background with the YUV color 63.7500, 22.8013,

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

63.7500, 22.8013, 13.3743

Protanopia

55.9340, 33.5565, -29.7601

Deuteranopia

58.1490, 24.0835, -24.6867



Tritanopia

63.1580, 0.4151, 6.8774

Trichromacy



Original Color

63.7500, 22.8013, 13.3743

Protanomaly

58.7080, 29.7240, -13.7759

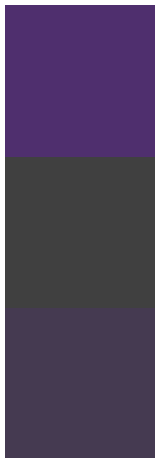
Deuteranomaly

60.1230, 23.6034, -10.6319

Tritanomaly

63.6450, 8.5560, 9.0813

Monochromacy



Original Color

63.7500, 22.8013, 13.3743

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7500, 22.8013, 13.3743 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(79, 47, 110)` looks like.

```
.text, #text, p{  
    color:rgb(79, 47, 110)  
}
```

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(79, 47, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 47, 110) }
```

Border

The CSS property to change the border of an element to YUV 63.7500, 22.8013, 13.3743 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(79, 47, 110) }
```


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

```
.border{ border-color:rgb(79, 47, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 47, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 47, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 47, 110);  
box-shadow:4px 4px 4px 4px rgb(79, 47,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 63.7500, 22.8013, 13.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 47, 110) }
```

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

```
.background{ background-color: rgb(79, 47,  
110) }
```

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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