

Converting Colors

YUV(63.1010, 0.4432, 44.6384)

Have a look what the booklet for
YUV(63.1010, 0.4432, 44.6384)
contains.

YUV(63.1010, 0.4432, 44.6384)	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(63.1010, 0.4432,
44.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	722540
RGB	114, 37, 64
RGB Percent	45%, 15%, 25%
CMY	0.5529, 0.8549, 0.7490
CMYK	0.00, 0.68, 0.44, 0.55
HSL	339°, 51%, 30%
HSV	339°, 68%, 45%
XYZ	8.5264, 5.2707, 5.4184
YIQ	63.1010, 37.2250, 24.7210

Conversions

Conversions Part 2

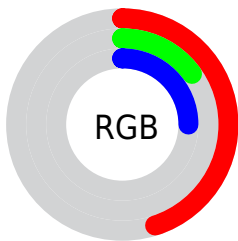
Format	Color
RYB	114, 37, 64
Decimal	7480640
CIELab	27.49, 36.36, 1.42
CIELCh	27, 36.387, 2.241
Yxy	5.2707, 0.4437, 0.2743
Android (android.graphics.Color)	4285670720 (0xFF722540)
YUV	63.1010, 0.4432, 44.6384
Hunter-Lab	22.9580, 26.1168, 2.0773

Details

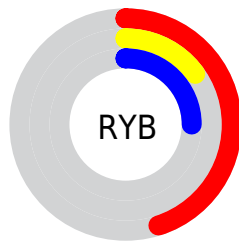
The YUV color **63.1010, 0.4432, 44.6384** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **87.8990, -0.4432, -44.6384**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3680, -1.1674, 47.9123**, and **21.0460, 0.4703, 35.9167** is the 20% darker color. If you saturate the color by 10%, you get **55.8460, 0.5689, 51.0011**, and if you desaturate by 10%, it is **70.3560, 0.3175, 38.2758**.

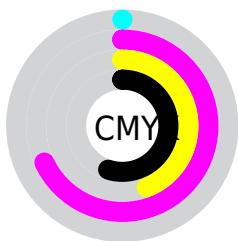
Distribution



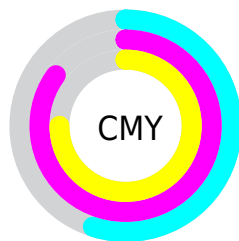
- Red (45%)
- Green (15%)
- Blue (25%)



- Red (45%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (68%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1010, 0.4432, 44.6384 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 63.1010, 0.4432, 44.6384 by changing the saturation by 10% instead.

63.1010, 0.4432,
44.6384

63.1010, 0.4432,
44.6384

255.0000, 0.0000,
0.0000

36.0840, 2.9166,
44.6533

114.3680, -1.1674,
47.9123

21.0460, 0.4703,
35.9167

140.8520, -1.8990,
49.2418

11.7750, -5.3121,
23.8763

167.7490, -2.3413,
51.0861

0.0000, 0.0000,
0.0000

195.3470, -2.6361,
52.3157

214.3880, 1.7807,
35.6167

234.6030, 5.6187,

17.8882

252.6520, 1.1576,
2.0592

63.1010, 0.4432,
44.6384

63.1010, 0.4432,
44.6384

55.8460, 0.5689,
51.0011

70.3560, 0.3175,
38.2758

47.8900, 0.5472,
57.9785

78.3120, 0.3392,
31.2984

40.6350, 0.6729,
64.3411

85.5670, 0.2135,
24.9357

38.6460, 0.6675,
66.0855

93.5230, 0.2352,
17.9583

100.7780, 0.1094,
11.5957

■ 108.0330, -0.0163,
5.2331

■ 115.9890, 0.0054,
-1.7444

■ 123.2440, -0.1203,
-8.1070

■ 131.2000, -0.0986,
-15.0844

Harmonies

Analogous

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



66.1020, 12.2747, 29.7285



63.1010, 0.4432, 44.6384



62.3600, -12.5025, 43.5343

Triad

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



63.1010, 0.4432, 44.6384



57.9840, -22.6701, -8.7560



56.4340, 28.3800, -49.4926

Complementary

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



63.1010, 0.4432, 44.6384



87.8990, -0.4432, -44.6384

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.



56.5020, 18.4865, -49.5523



63.1010, 0.4432, 44.6384



48.9440, -5.3954, -42.9239

Square

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



63.1010, 0.4432, 44.6384



60.5910, -29.8714, 14.3907



53.3100, 6.2562, -46.7529



53.7100, 33.1740, -47.1037

Rectangle

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



63.1010, 0.4432, 44.6384



62.8400, -20.6271, 36.0973



53.3100, 6.2562, -46.7529



57.0380, 25.6173, -50.0223

Sweetspot

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



63.1010, 0.4432, 44.6384



128.2240, 0.3826, 17.3436



60.4290, 26.4105, 22.4258



62.0660, -0.0325, 10.4661



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



63.1010, 0.4432, 44.6384



68.6680, 0.6567, 69.5742



65.8930, -14.2442, 42.1898



52.0220, -0.0108, 3.4887



40.6680, 0.6567, 69.5742



83.7710, 1.5919, 143.1518

Inverse Universe

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



63.1010, 0.4432, 44.6384



68.6680, 0.6567, 69.5742



85.1070, 14.2442, -42.1898



52.0220, -0.0108, 3.4887



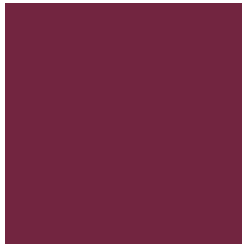
40.6680, 0.6567, 69.5742



83.7710, 1.5919, 143.1518

Previews

White Background



This preview shows how the YUV color 63.1010, 0.4432, 44.6384 looks on a white background.

Color Contrast Check

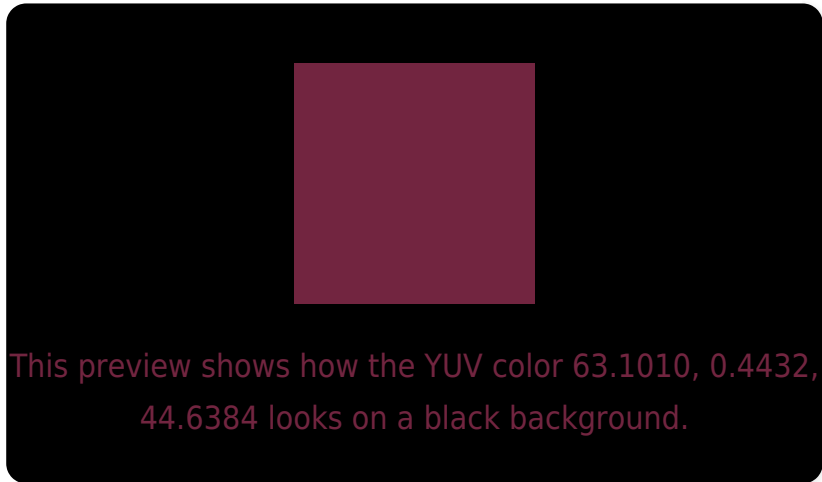
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

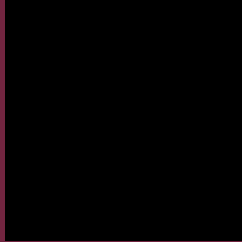
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1010, 0.4432, 44.6384

Background



This preview shows how black text looks on a background with the YUV color 63.1010, 0.4432, 44.6384.



This preview shows how white text looks on a background with the YUV color 63.1010, 0.4432, 44.6384.

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

63.1010, 0.4432, 44.6384

Protanopia

66.2260, 7.2836, -2.8292

Deuteranopia

66.8330, -3.3687, 7.1625



Tritanopia

62.8700, -9.3029, 43.9640

Trichromacy



Original Color

63.1010, 0.4432, 44.6384

Protanomaly

65.3530, 4.7560, 14.5994

Deuteranomaly

65.2630, -2.1017, 20.8173

Tritanomaly

63.0810, -5.9559, 43.7790

Monochromacy



Original Color

63.1010, 0.4432, 44.6384

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3980, -0.1962, 16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1010, 0.4432, 44.6384 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(114, 37, 64)` looks like.

```
.text, #text, p{  
    color:rgb(114, 37, 64)  
}
```

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(114, 37, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 37, 64) }
```

Border

The CSS property to change the border of an element to YUV 63.1010, 0.4432, 44.6384 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(114, 37, 64) }
```


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

```
.border{ border-color:rgb(114, 37, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 37, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 37, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 37, 64);  
box-shadow:4px 4px 4px 4px rgb(114, 37,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 63.1010, 0.4432, 44.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 37, 64) }
```

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

```
.background{ background-color: rgb(114, 37,  
64) }
```

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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