

Converting Colors

YUV(77.7440, -1.3528, 60.7375)

Have a look what the booklet for
YUV(77.7440, -1.3528, 60.7375)
contains.

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Color

**YUV(77.7440, -1.3528,
60.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	932B4B
RGB	147, 43, 75
RGB Percent	58%, 17%, 29%
CMY	0.4235, 0.8314, 0.7059
CMYK	0.00, 0.71, 0.49, 0.42
HSL	342°, 55%, 37%
HSV	342°, 71%, 58%
XYZ	14.1665, 8.4388, 7.5388
YIQ	77.7440, 51.7120, 32.0000

Conversions

Conversions Part 2

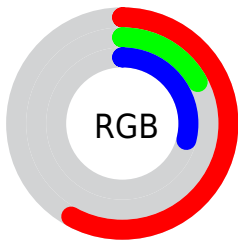
Format	Color
RYB	147, 43, 75
Decimal	9644875
CIELab	34.88, 45.79, 5.60
CIELCh	35, 46.130, 6.972
Yxy	8.4388, 0.4700, 0.2799
Android (android.graphics.Color)	4287834955 (0xFF932B4B)
YUV	77.7440, -1.3528, 60.7375
Hunter-Lab	29.0496, 36.2115, 4.9481

Details

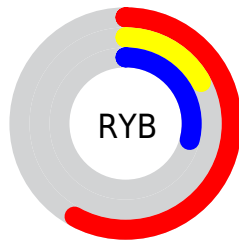
The YUV color **77.7440, -1.3528, 60.7375** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.2560, 1.3528, -60.7375**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7830, -3.8370, 64.2113**, and **30.8570, 0.5635, 52.7454** is the 20% darker color. If you saturate the color by 10%, you get **67.7990, -1.3799, 69.4593**, and if you desaturate by 10%, it is **87.6890, -1.3257, 52.0157**.

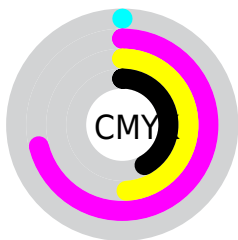
Distribution



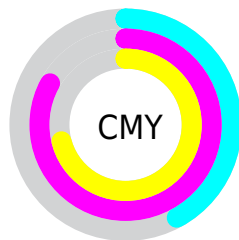
- Red (58%)
- Green (17%)
- Blue (29%)



- Red (58%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (49%)
- Black (42%)





- Cyan (42%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.7440, -1.3528, 60.7375 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 77.7440, -1.3528, 60.7375 by changing the saturation by 10% instead.

 77.7440, -1.3528,
60.7375

 77.7440, -1.3528,
60.7375


255.0000, 0.0000,
0.0000

 47.4930, 2.7150,
62.7116


 131.7830, -3.8370,
64.2113

 30.8570, 0.5635,
52.7454

 159.4520, -5.1528,
66.2556

 20.2330, -6.5239,
39.2607

 184.3590, -4.1210,
61.9522

 11.1770, -5.0173,
22.6468

 203.8730, -0.4304,
44.8384

 0.0000, 0.0000,
0.0000

 223.5010, 3.6970,
27.6246

 243.2600, 5.7878,

■ 77.7440, -1.3528,
60.7375

■ 77.7440, -1.3528,
60.7375

■ 67.7990, -1.3799,
69.4593

■ 87.6890, -1.3257,
52.0157

■ 58.4410, -1.6964,
77.6662

■ 97.0470, -1.0092,
43.8088

■ 49.0830, -2.0129,
85.8732

■ 107.1060, -0.5453,
34.9870

■ 117.0510, -0.5181,
26.2653

■ 126.4090, -0.2016,
18.0583

■ 136.3540, -0.1745,
9.3365

■ 146.2990, -0.1474,
0.6148

■ 156.2440, -0.1203,
-8.1070

■ 165.7160, 0.6330,
-16.4139

Harmonies

Analogous

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



82.1730, 14.7047, 43.6983



77.7440, -1.3528, 60.7375



78.1290, -18.7976, 56.0149

Triad

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



77.7440, -1.3528, 60.7375



71.2620, -27.7372, -16.8928



71.6910, 38.6063, -62.8730

Complementary

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



77.7440, -1.3528, 60.7375



112.2560, 1.3528, -60.7375

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.



71.7760, 26.2394, -62.9476



77.7440, -1.3528, 60.7375



62.8670, -5.3574, -55.1344

Square

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



77.7440, -1.3528, 60.7375



75.9300, -37.4335, 13.2164



68.3730, 10.6621, -59.9631



66.9780, 43.3948, -58.7397

Rectangle

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



77.7440, -1.3528, 60.7375



78.4900, -29.8216, 45.1743



68.3730, 10.6621, -59.9631



72.6540, 34.6806, -63.7176

Sweetspot

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



77.7440, -1.3528, 60.7375



164.3280, -0.6547, 23.3913



76.0850, 34.9611, 33.2515



80.9740, -0.4802, 14.0548



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



77.7440, -1.3528, 60.7375



83.1380, -2.0400, 94.5950



85.2490, -20.8288, 54.1556



69.3210, -0.1583, 4.1035



46.0500, -1.9966, 80.6402



3.3320, -0.1637, 5.8478

Inverse Universe

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



77.7440, -1.3528, 60.7375



83.1380, -2.0400, 94.5950



104.7510, 20.8288, -54.1556



69.3210, -0.1583, 4.1035



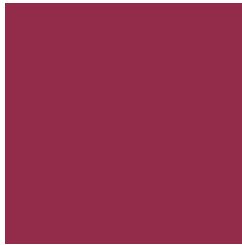
46.0500, -1.9966, 80.6402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 77.7440, -1.3528, 60.7375 looks on a white background.

Color Contrast Check

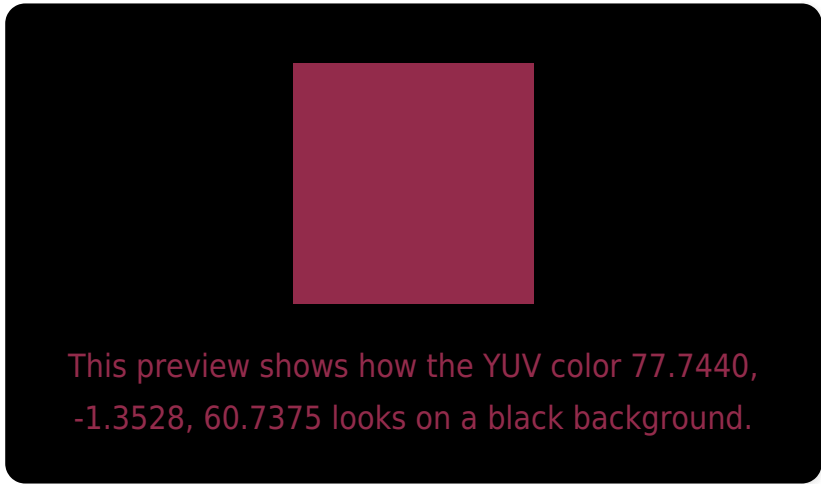
Large Text (above 18pt) WCAG AA ✓ Pass

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

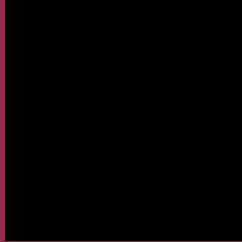
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7440, -1.3528, 60.7375

Background



This preview shows how black text looks on a background with the YUV color 77.7440, -1.3528, 60.7375.

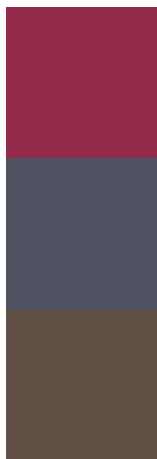


This preview shows how white text looks on a background with the YUV color 77.7440, -1.3528,

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

77.7440, -1.3528, 60.7375

Protanopia

83.1120, 6.8468, -2.7292

Deuteranopia

83.6440, -6.7265, 10.8362



Tritanopia

77.6440, -13.1355, 59.9482

Trichromacy



Original Color

77.7440, -1.3528, 60.7375

Protanomaly

81.1580, 3.8661, 20.0324

Deuteranomaly

81.9220, -4.8915, 29.0094

Tritanomaly

77.4960, -8.6255, 60.0780

Monochromacy



Original Color

77.7440, -1.3528, 60.7375

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7300, -0.3599, 22.1618

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7440, -1.3528, 60.7375 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(147, 43, 75)` looks like.

```
.text, #text, p{  
    color:rgb(147, 43, 75)  
}
```

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(147, 43, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 43, 75) }
```

Border

The CSS property to change the border of an element to YUV 77.7440, -1.3528, 60.7375 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(147, 43, 75) }
```


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

```
.border{ border-color:rgb(147, 43, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 43, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 43, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 43, 75);  
box-shadow:4px 4px 4px 4px rgb(147, 43,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 77.7440, -1.3528, 60.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 43, 75) }
```

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

```
.background{ background-color: rgb(147, 43,  
75) }
```

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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