

Converting Colors

YUV(47.6400, -0.3155, 54.6897)

Have a look what the booklet for
YUV(47.6400, -0.3155, 54.6897)
contains.

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Color

**YUV(47.6400, -0.3155,
54.6897)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E102F |
| RGB | 110, 16, 47 |
| RGB Percent | 43%, 6%, 18% |
| CMY | 0.5686, 0.9373, 0.8157 |
| CMYK | 0.00, 0.85, 0.57, 0.57 |
| HSL | 340°, 75%, 25% |
| HSV | 340°, 85%, 43% |
| XYZ | 7.1288, 3.8908, 3.0646 |
| YIQ | 47.6400, 46.0730, 29.5690 |

Conversions

Conversions Part 2

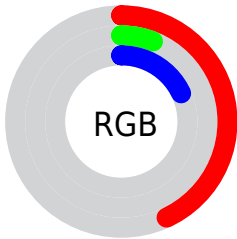
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 110, 16, 47 |
| Decimal | 7213103 |
| CIE _{Lab} | 23.31, 41.43, 6.93 |
| CIE _{LCh} | 23, 42.010, 9.500 |
| Yxy | 3.8908, 0.5062, 0.2763 |
| Android (android.graphics.Color) | 4285403183 (0xFF6E102F) |
| YUV | 47.6400, -0.3155, 54.6897 |
| Hunter-Lab | 19.7251, 29.9920, 4.5960 |

Details

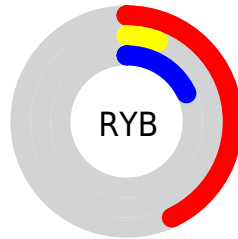
The YUV color **47.6400, -0.3155, 54.6897** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.3600, 0.3155, -54.6897**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9130, -4.3941, 56.2043**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **40.3850, -0.1898, 61.0524**, and if you desaturate by 10%, it is **54.8950, -0.4412, 48.3271**.

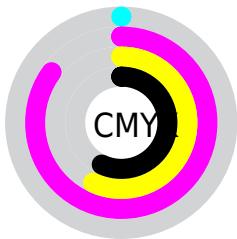
Distribution



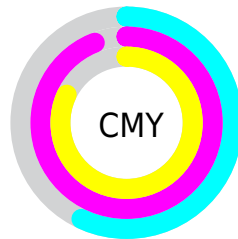
- Red (43%)
- Green (6%)
- Blue (18%)



- Red (43%)
- Yellow (6%)
- Blue (18%)



- Cyan (0%)
- Magenta (85%)
- Yellow (57%)
- Black (57%)



- Cyan (57%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6400, -0.3155, 54.6897 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 47.6400, -0.3155, 54.6897 by changing the saturation by 10% instead.

■ 47.6400, -0.3155,
54.6897

■ 47.6400, -0.3155,
54.6897

255.0000, 0.0000,
0.0000

■ 27.7810, -0.8780,
48.4271

■ 101.9130, -4.3941,
56.2043

■ 17.3420, -8.5496,
35.6571

■ 127.9950, -5.4205,
58.7634

■ 7.5890, -3.2484,
15.2694

■ 155.4790, -6.1521,
60.0929

■ 0.0000, 0.0000,
0.0000

■ 183.2620, -7.0312,
62.0372

■ 202.4880, -3.1986,
46.0530

■ 222.1160, 0.9288,

28.8393

242.4450, 5.2036,
11.0107

47.6400, -0.3155,
54.6897

47.6400, -0.3155,
54.6897

40.3850, -0.1898,
61.0524

54.8950, -0.4412,
48.3271

36.9940, -0.4900,
64.0263

62.2640, -0.1302,
41.8645

69.5190, -0.2559,
35.5018

76.7740, -0.3816,
29.1392

84.1430, -0.0705,
22.6766

■ 91.3980, -0.1962,
16.3140

■ 98.7670, 0.1149,
9.8513

■ 106.0220, -0.0108,
3.4887

■ 113.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



52.8800, 12.3842, 41.3242



47.6400, -0.3155, 54.6897



50.6440, -16.5865, 46.7932

Triad

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



47.6400, -0.3155, 54.6897



44.7440, -22.0588, -18.1925



51.2650, 31.4214, -44.9594

Complementary

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



47.6400, -0.3155, 54.6897



78.3600, 0.3155, -54.6897

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.



51.3330, 21.5278, -45.0190



47.6400, -0.3155, 54.6897



43.5640, -5.7011, -38.2056

Square

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



47.6400, -0.3155, 54.6897



51.3990, -25.3397, 7.5431



47.9130, 8.4239, -42.0197



46.3240, 35.3363, -40.6261

Rectangle

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



47.6400, -0.3155, 54.6897



51.8740, -25.5739, 36.0675



47.9130, 8.4239, -42.0197



51.8690, 28.6586, -45.4891

Sweetspot

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



47.6400, -0.3155, 54.6897



118.4310, -0.2125, 21.5470



45.5530, 31.7724, 29.3330



56.4900, 0.2514, 12.7253



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.



47.6400, -0.3155, 54.6897



48.1150, -0.5497, 83.2141



53.4980, -18.4865, 49.5523



52.0220, -0.0108, 3.4887



40.4400, -0.2169, 69.7741



83.2010, -0.5921, 143.6517

Inverse Universe

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



47.6400, -0.3155, 54.6897



48.1150, -0.5497, 83.2141



72.5020, 18.4865, -49.5523



52.0220, -0.0108, 3.4887



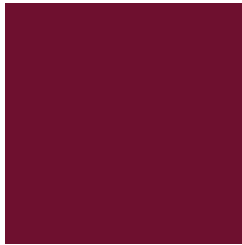
40.4400, -0.2169, 69.7741



83.2010, -0.5921, 143.6517

Previews

White Background



This preview shows how the YUV color 47.6400, -0.3155, 54.6897 looks on a white background.

Color Contrast Check

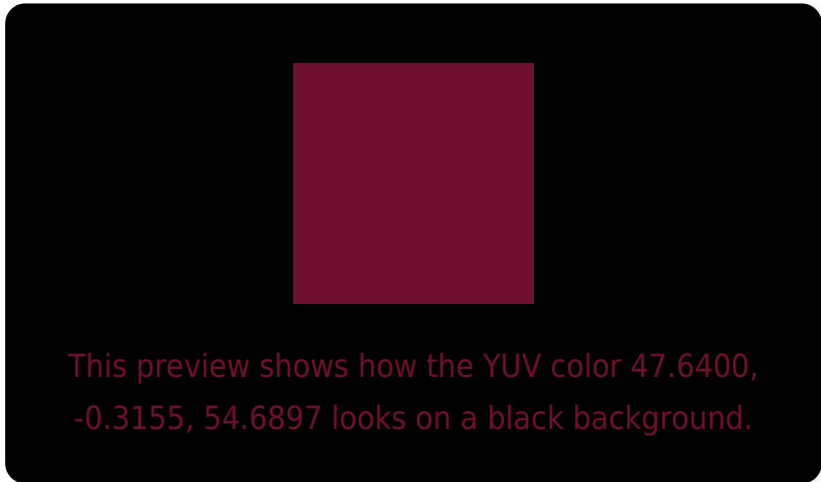
Large Text (above 18pt) WCAG AA ✓ Pass

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

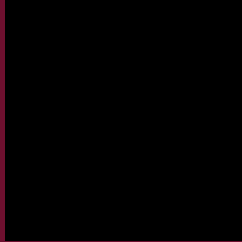
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6400, -0.3155, 54.6897

Background



This preview shows how black text looks on a background with the YUV color 47.6400, -0.3155, 54.6897.



This preview shows how white text looks on a background with the YUV color 47.6400, -0.3155,

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

47.6400, -0.3155, 54.6897

Protanopia

57.7270, 4.0786, -1.5146

Deuteranopia

57.5190, -7.1579, 9.1918



Tritanopia

48.7140, -12.6770, 52.8708

Trichromacy



Original Color

47.6400, -0.3155, 54.6897

Protanomaly

54.1040, 2.4137, 19.2028

Deuteranomaly

53.9000, -4.8807, 25.5207

Tritanomaly

47.9790, -7.8776, 53.5154

Monochromacy



Original Color

47.6400, -0.3155, 54.6897

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8330, 0.0823, 20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6400, -0.3155, 54.6897 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(110, 16, 47)` looks like.

```
.text, #text, p{  
    color:rgb(110, 16, 47)  
}
```

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(110, 16, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 16, 47) }
```

Border

The CSS property to change the border of an element to YUV 47.6400, -0.3155, 54.6897 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(110, 16, 47) }
```


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

```
.border{ border-color:rgb(110, 16, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 16, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 16, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 16, 47);  
box-shadow:4px 4px 4px 4px rgb(110, 16,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 47.6400, -0.3155, 54.6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 16, 47) }
```

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

```
.background{ background-color: rgb(110, 16,  
47) }
```

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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