

Converting Colors

YUV(62.3070, 4.7786, 54.1048)

Have a look what the booklet for
YUV(62.3070, 4.7786, 54.1048)
contains.

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Color

**YUV(62.3070, 4.7786,
54.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1D48
RGB	124, 29, 72
RGB Percent	49%, 11%, 28%
CMY	0.5137, 0.8863, 0.7176
CMYK	0.00, 0.77, 0.42, 0.51
HSL	333°, 62%, 30%
HSV	333°, 77%, 49%
XYZ	9.9212, 5.6317, 6.6950
YIQ	62.3070, 42.8170, 33.5130

Conversions

Conversions Part 2

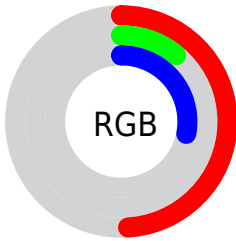
Format	Color
R_{YB}	124, 29, 72
Decimal	8133960
CIE _{Lab}	28.46, 43.77, -2.28
CIE _{LCh}	28, 43.827, 357.021
Yxy	5.6317, 0.4459, 0.2531
Android (android.graphics.Color)	4286324040 (0xFF7C1D48)
YUV	62.3070, 4.7786, 54.1048
Hunter-Lab	23.7312, 33.0955, -0.1150

Details

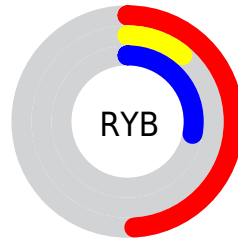
The YUV color **62.3070, 4.7786, 54.1048** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **90.6930, -4.7786, -54.1048**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.6340, 2.1524, 56.4490**, and **24.2360, 2.3487, 40.1350** is the 20% darker color. If you saturate the color by 10%, you get **54.4650, 5.1938, 60.9822**, and if you desaturate by 10%, it is **70.1490, 4.3635, 47.2273**.

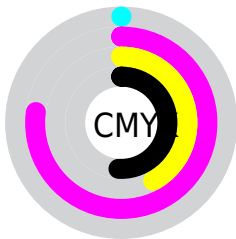
Distribution



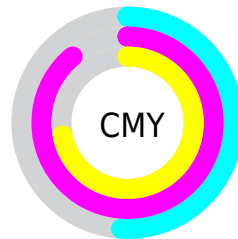
- Red (49%)
- Green (11%)
- Blue (28%)



- Red (49%)
- Yellow (11%)
- Blue (28%)



- Cyan (0%)
- Magenta (77%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3070, 4.7786, 54.1048 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 62.3070, 4.7786, 54.1048 by changing the saturation by 10% instead.

62.3070, 4.7786,
54.1048

62.3070, 4.7786,
54.1048

255.0000, 0.0000,
0.0000

34.7030, 7.5414,
54.6345

115.6340, 2.1524,
56.4490

24.2360, 2.3487,
40.1350

142.5310, 1.7102,
58.2933

14.5800, -6.2019,
29.3093

170.1290, 1.4154,
59.5229

0.0000, 0.0000,
0.0000

194.1390, 2.8895,
53.3751

213.7670, 7.0169,
36.1613

233.8680, 10.4181,

18.5328

250.8910, 2.0257,
3.6036

62.3070, 4.7786,
54.1048

62.3070, 4.7786,
54.1048

54.4650, 5.1938,
60.9822

70.1490, 4.3635,
47.2273

46.0360, 5.8983,
68.3744

78.5780, 3.6590,
39.8351

43.4600, 6.1822,
70.6336

86.3060, 2.8071,
33.0576

94.7350, 2.1026,
25.6654

102.5770, 1.6875,
18.7880

■ 110.4190, 1.2724,
11.9105

■ 118.8480, 0.5679,
4.5183

■ 126.5760, -0.2840,
-2.2592

■ 135.0050, -0.9885,
-9.6514

Harmonies

Analogous

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



67.6060, 17.9422, 31.9175



62.3070, 4.7786, 54.1048



61.7790, -11.2300, 55.4448

Triad

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



62.3070, 4.7786, 54.1048



58.9860, -29.0801, -6.1267



60.5090, 31.3011, -53.0664

Complementary

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



62.3070, 4.7786, 54.1048



90.6930, -4.7786, -54.1048

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.



59.1920, 18.6393, -51.9114



62.3070, 4.7786, 54.1048



49.4510, -11.0683, -43.3685

Square

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



62.3070, 4.7786, 54.1048



62.9830, -31.0506, 19.3089



55.3160, 3.7882, -48.5121



57.6540, 38.1316, -50.5626

Rectangle

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



62.3070, 4.7786, 54.1048



63.1510, -22.2594, 46.3486



55.3160, 3.7882, -48.5121



60.7710, 27.2279, -53.2962

Sweetspot

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



62.3070, 4.7786, 54.1048



136.8870, 1.5347, 21.1471



55.0790, 33.9781, 21.8557



67.0170, 0.9776, 13.1401



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



62.3070, 4.7786, 54.1048



64.8900, 7.4492, 84.2885



59.1660, -14.8718, 56.8594



57.1360, 0.4260, 3.3887



43.8730, 6.4716, 71.1484



88.3440, 12.6484, 143.5263

Inverse Universe

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



62.3070, 4.7786, 54.1048



64.8900, 7.4492, 84.2885



93.8340, 14.8718, -56.8594



57.1360, 0.4260, 3.3887



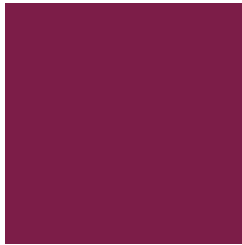
43.8730, 6.4716, 71.1484



88.3440, 12.6484, 143.5263

Previews

White Background



This preview shows how the YUV color 62.3070, 4.7786, 54.1048 looks on a white background.

Color Contrast Check

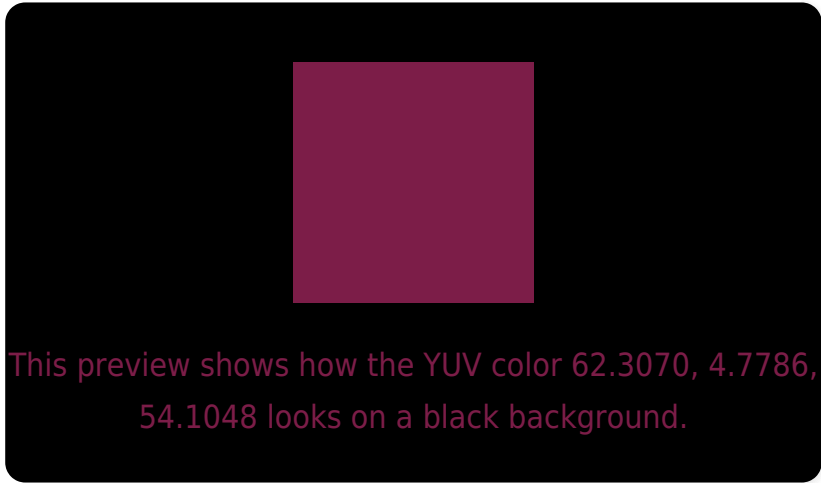
Large Text (above 18pt) WCAG AA ✓ Pass

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

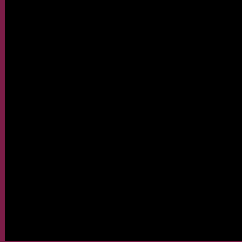
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3070, 4.7786, 54.1048

Background



This preview shows how black text looks on a background with the YUV color 62.3070, 4.7786, 54.1048.



This preview shows how white text looks on a background with the YUV color 62.3070, 4.7786, 54.1048.

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

62.3070, 4.7786, 54.1048

Protanopia

68.8000, 13.4096, -7.7176

Deuteranopia

69.1040, -1.0373, 6.0478



Tritanopia

63.3440, -11.5086, 51.4413

Trichromacy



Original Color

62.3070, 4.7786, 54.1048

Protanomaly

66.4330, 10.1395, 14.5293

Deuteranomaly

66.7840, 1.0925, 22.9914

Tritanomaly

63.2500, -5.5462, 52.4008

Monochromacy



Original Color

62.3070, 4.7786, 54.1048

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3070, 4.7786, 54.1048 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(124, 29, 72)` looks like.

```
.text, #text, p{  
    color:rgb(124, 29, 72)  
}
```

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(124, 29, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 29, 72) }
```

Border

The CSS property to change the border of an element to YUV 62.3070, 4.7786, 54.1048 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(124, 29, 72) }
```


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

```
.border{ border-color:rgb(124, 29, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 29, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 29, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 29, 72);  
box-shadow:4px 4px 4px 4px rgb(124, 29,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 62.3070, 4.7786, 54.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 29, 72) }
```

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

```
.background{ background-color: rgb(124, 29,  
72) }
```

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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