

Converting Colors

YUV(62.0470, -4.4602, 30.6538)

Have a look what the booklet for
YUV(62.0470, -4.4602, 30.6538)
contains.

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Color

**YUV(62.0470, -4.4602,
30.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	612E35
RGB	97, 46, 53
RGB Percent	38%, 18%, 21%
CMY	0.6196, 0.8196, 0.7922
CMYK	0.00, 0.53, 0.45, 0.62
HSL	352°, 36%, 28%
HSV	352°, 53%, 38%
XYZ	6.5494, 4.7524, 3.9403
YIQ	62.0470, 28.1490, 12.9890

Conversions

Conversions Part 2

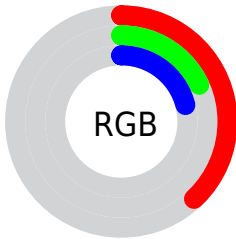
Format	Color
R_{YB}	97, 46, 53
Decimal	6368821
CIE _{Lab}	26.02, 23.88, 6.29
CIE _{LCh}	26, 24.691, 14.760
Yxy	4.7524, 0.4297, 0.3118
Android (android.graphics.Color)	4284558901 (0xFF612E35)
YUV	62.0470, -4.4602, 30.6538
Hunter-Lab	21.8000, 15.4765, 4.5436

Details

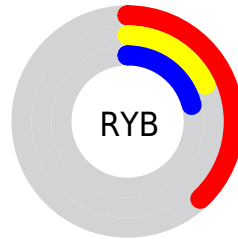
The YUV color **62.0470, -4.4602, 30.6538** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **80.9530, 4.4602, -30.6538**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7270, -5.7814, 34.4424**, and **15.8510, -3.8705, 28.1947** is the 20% darker color. If you saturate the color by 10%, you get **55.2650, -5.0606, 36.6016**, and if you desaturate by 10%, it is **68.8290, -3.8597, 24.7060**.

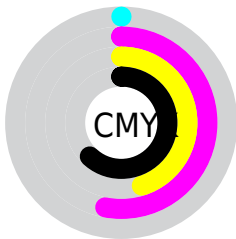
Distribution



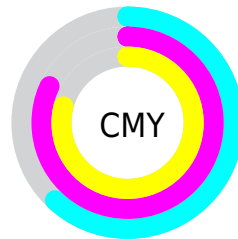
- Red (38%)
- Green (18%)
- Blue (21%)



- Red (38%)
- Yellow (18%)
- Blue (21%)



- Cyan (0%)
- Magenta (53%)
- Yellow (45%)
- Black (62%)



- Cyan (62%)
- Magenta (82%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.0470, -4.4602, 30.6538 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 62.0470, -4.4602, 30.6538 by changing the saturation by 10% instead.

62.0470, -4.4602,
30.6538

62.0470, -4.4602,
30.6538

255.0000, 0.0000,
0.0000

39.2640, -3.5812,
28.7095

110.7270, -5.7814,
34.4424

15.8510, -3.8705,
28.1947

136.9120, -6.3656,
35.1572

4.7840, -2.3585,
9.8364

162.9230, -6.3710,
36.9015

0.0000, 0.0000,
0.0000

190.5210, -6.6659,
38.1311

216.3140, -6.0708,
33.9276

235.9420, -1.9434,

16.7139

■ 62.0470, -4.4602,
30.6538

■ 62.0470, -4.4602,
30.6538

■ 55.2650, -5.0606,
36.6016

■ 68.8290, -3.8597,
24.7060

■ 48.9560, -6.3873,
42.1346

■ 75.1380, -2.5330,
19.1730

■ 42.1740, -6.9878,
48.0824

■ 81.9200, -1.9326,
13.2252

■ 35.3920, -7.5883,
54.0302

■ 88.7020, -1.3321,
7.2773

■ 30.4850, -8.6201,
58.3337

■ 95.0110, -0.0054,
1.7444

■ 101.7930, 0.5951,
-4.2035

■ 108.6890, 1.6323,
-10.2513

■ 115.4710, 2.2328,
-16.1991

■ 121.6660, 3.1227,
-21.6321

Harmonies

Analogous

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



63.0060, 4.4340, 24.5507



62.0470, -4.4602, 30.6538



61.2610, -12.4537, 27.8351

Triad

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



62.0470, -4.4602, 30.6538



56.6490, -11.1660, -11.9702



49.9140, 23.7064, -43.7746

Complementary

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



62.0470, -4.4602, 30.6538



80.9530, 4.4602, -30.6538

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.



51.0080, 17.7441, -44.7340



62.0470, -4.4602, 30.6538



50.1930, 0.3979, -34.3723

Square

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



62.0470, -4.4602, 30.6538



58.8530, -17.1825, 4.5139



49.7710, 10.4659, -43.6492



60.4450, 18.5146, -11.7913

Rectangle

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



62.0470, -4.4602, 30.6538



60.8920, -16.2158, 21.1427



49.7710, 10.4659, -43.6492



50.7460, 21.8172, -44.5042

Sweetspot

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



62.0470, -4.4602, 30.6538



111.3220, -1.6377, 11.9956



64.6710, 15.9382, 21.3365



55.7020, -1.3321, 7.2773



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



62.0470, -4.4602, 30.6538



70.8750, -6.8404, 47.4676



71.8150, -12.7268, 22.0872



45.1960, -0.5896, 2.4591



35.1980, -9.9576, 67.3554



75.5220, -20.9633, 144.2472

Inverse Universe

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



62.0470, -4.4602, 30.6538



70.8750, -6.8404, 47.4676



71.1850, 12.7268, -22.0872



45.1960, -0.5896, 2.4591



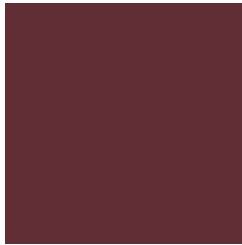
35.1980, -9.9576, 67.3554



75.5220, -20.9633, 144.2472

Previews

White Background



This preview shows how the YUV color 62.0470, -4.4602, 30.6538 looks on a white background.

Color Contrast Check

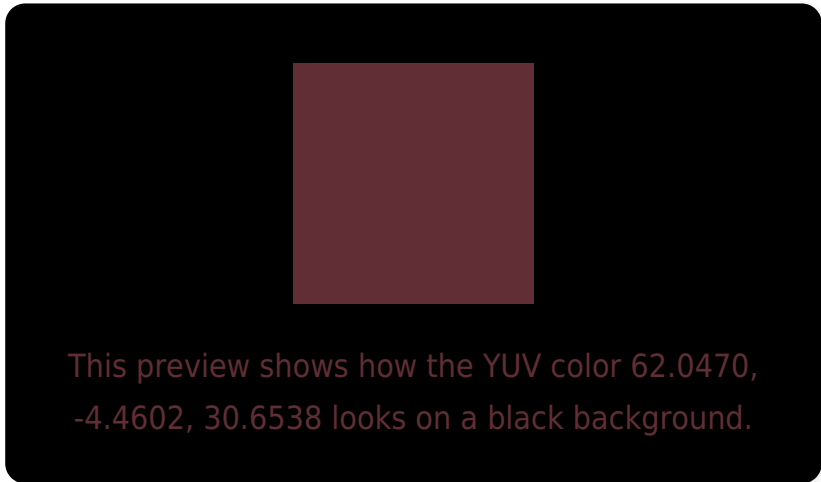
Large Text (above 18pt) WCAG AA ✓ Pass

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

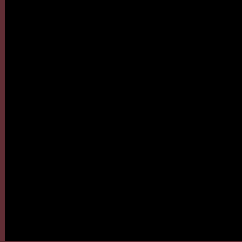
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.0470, -4.4602, 30.6538

Background



This preview shows how black text looks on a background with the YUV color 62.0470, -4.4602, 30.6538.

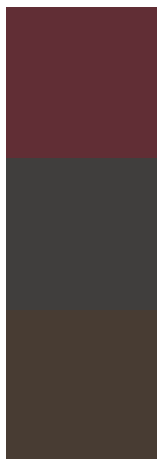


This preview shows how white text looks on a background with the YUV color 62.0470, -4.4602,

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

62.0470, -4.4602, 30.6538

Protanopia

62.4840, -0.7316, 1.3295

Deuteranopia

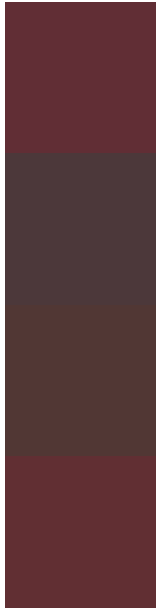
62.5620, -5.7001, 8.2771



Tritanopia

62.2920, -6.0600, 30.4389

Trichromacy



Original Color

62.0470, -4.4602, 30.6538

Protanomaly

62.2080, -2.0745, 12.0956

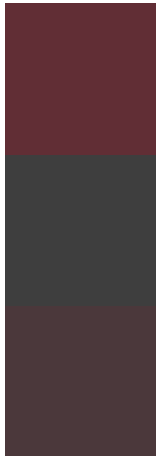
Deuteranomaly

62.4320, -5.1430, 16.2841

Tritanomaly

62.4060, -5.6232, 30.3389

Monochromacy



Original Color

62.0470, -4.4602, 30.6538

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0230, -1.4903, 11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.0470, -4.4602, 30.6538 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(97, 46, 53)` looks like.

```
.text, #text, p{  
    color:rgb(97, 46, 53)  
}
```

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(97, 46, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 46, 53) }
```

Border

The CSS property to change the border of an element to YUV 62.0470, -4.4602, 30.6538 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(97, 46, 53) }
```


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

```
.border{ border-color:rgb(97, 46, 53) }
```

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

Here you see how a box with a 4 pixel rgb(97, 46, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 46, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 46, 53);  
box-shadow:4px 4px 4px 4px rgb(97, 46, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.0470, -4.4602, 30.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 46, 53) }
```

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

```
.background{ background-color: rgb(97, 46,  
53) }
```

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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