

Converting Colors

YUV(62.1620, -5.5029, 38.4459)

Have a look what the booklet for
YUV(62.1620, -5.5029, 38.4459)
contains.

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Color

**YUV(62.1620, -5.5029,
38.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	6A2A33
RGB	106, 42, 51
RGB Percent	42%, 16%, 20%
CMY	0.5843, 0.8353, 0.8000
CMYK	0.00, 0.60, 0.52, 0.58
HSL	352°, 43%, 29%
HSV	352°, 60%, 42%
XYZ	7.3694, 4.9591, 3.7008
YIQ	62.1620, 35.2550, 16.3670

Conversions

Conversions Part 2

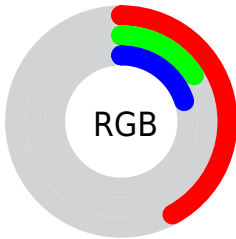
Format	Color
R_{YB}	106, 42, 51
Decimal	6957619
CIE Lab	26.62, 29.51, 8.69
CIE LCh	27, 30.763, 16.417
Yxy	4.9591, 0.4597, 0.3094
Android (android.graphics.Color)	4285147699 (0xFF6A2A33)
YUV	62.1620, -5.5029, 38.4459
Hunter-Lab	22.2691, 20.0990, 5.7353

Details

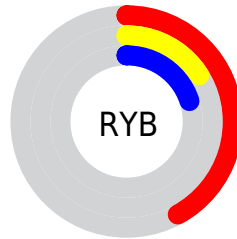
The YUV color **62.1620, -5.5029, 38.4459** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.8380, 5.5029, -38.4459**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7280, -7.2609, 42.3345**, and **17.0150, -5.9234, 33.3128** is the 20% darker color. If you saturate the color by 10%, you get **54.6790, -6.2507, 45.0085**, and if you desaturate by 10%, it is **69.6450, -4.7550, 31.8833**.

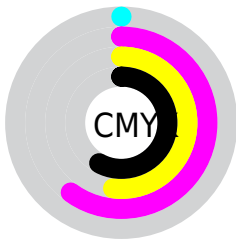
Distribution



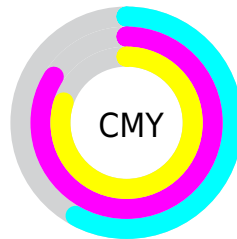
- Red (42%)
- Green (16%)
- Blue (20%)



- Red (42%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1620, -5.5029, 38.4459 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 62.1620, -5.5029, 38.4459 by changing the saturation by 10% instead.

■ 62.1620, -5.5029,
38.4459

■ 62.1620, -5.5029,
38.4459

255.0000, 0.0000,
0.0000

■ 37.9060, -3.8977,
36.9164

■ 111.7280, -7.2609,
42.3345

■ 17.0150, -5.9234,
33.3128

■ 138.2120, -7.9925,
43.6641

■ 8.4860, -3.6906,
17.1138

■ 165.1090, -8.4347,
45.5084

■ 0.0000, 0.0000,
0.0000

■ 192.0060, -8.8770,
47.3527

■ 214.3250, -6.0762,
35.6720

■ 233.9530, -1.9488,

18.4582

253.8260, 0.5788,
1.0296

■ 62.1620, -5.5029,
38.4459

■ 62.1620, -5.5029,
38.4459

■ 54.6790, -6.2507,
45.0085

■ 69.6450, -4.7550,
31.8833

■ 47.7830, -7.2880,
51.0563

■ 76.5410, -3.7177,
25.8355

■ 40.3000, -8.0359,
57.6189

■ 84.0240, -2.9698,
19.2730

■ 33.4040, -9.0732,
63.6667

■ 90.9200, -1.9326,
13.2252

■ 98.5170, -0.7479,
6.5626

■ 106.0000, 0.0000,
0.0000

■ 112.8960, 1.0373,
-6.0478

■ 120.3790, 1.7852,
-12.6104

■ 127.2750, 2.8224,
-18.6582

Harmonies

Analogous

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



63.6910, 5.5753, 31.8430



62.1620, -5.5029, 38.4459



62.0830, -15.8169, 33.2532

Triad

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



62.1620, -5.5029, 38.4459



55.7470, -13.1863, -17.3181



52.8150, 27.2062, -46.3188

Complementary

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



62.1620, -5.5029, 38.4459



85.8380, 5.5029, -38.4459

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.



53.7950, 20.8071, -47.1782



62.1620, -5.5029, 38.4459



49.2520, 0.8618, -43.1940

Square

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



62.1620, -5.5029, 38.4459



59.1750, -22.2713, 3.3545



51.9880, 11.3449, -45.5935



61.2750, 23.0354, -15.1502

Rectangle

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



62.1620, -5.5029, 38.4459



61.3610, -20.8840, 25.1164



51.9880, 11.3449, -45.5935



53.1740, 26.0432, -46.6336

Sweetspot

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



62.1620, -5.5029, 38.4459



120.8170, -2.3748, 15.0695



65.4420, 19.9951, 26.7994



58.7130, -1.3375, 9.0217



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



62.1620, -5.5029, 38.4459



70.0830, -8.9149, 59.5632



74.0500, -15.8006, 28.0202



49.9080, -0.4476, 3.5887



36.8070, -10.2579, 70.3293



77.1310, -21.2636, 147.2211

Inverse Universe

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



62.1620, -5.5029, 38.4459



70.0830, -8.9149, 59.5632



73.9500, 15.8006, -28.0202



49.9080, -0.4476, 3.5887



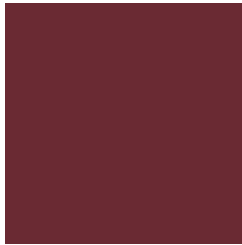
36.8070, -10.2579, 70.3293



77.1310, -21.2636, 147.2211

Previews

White Background



This preview shows how the YUV color 62.1620, -5.5029, 38.4459 looks on a white background.

Color Contrast Check

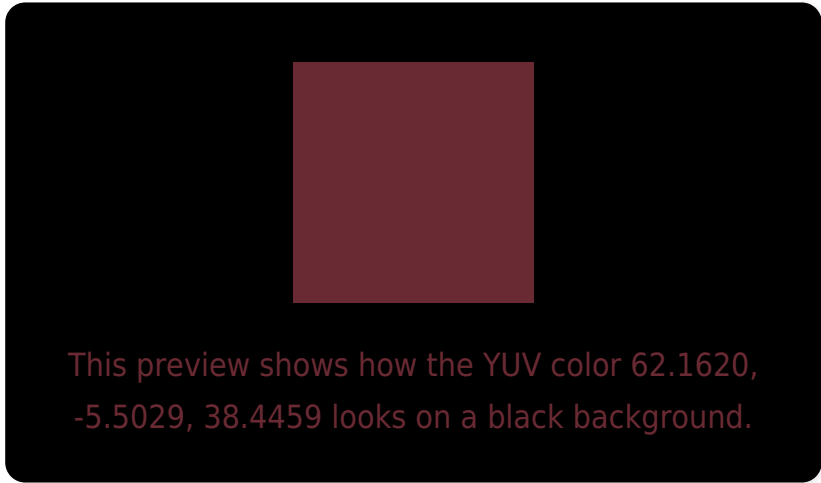
Large Text (above 18pt) WCAG AA ✓ Pass

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

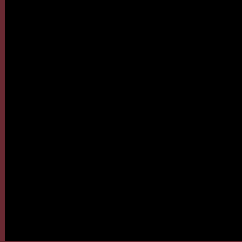
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.1620, -5.5029, 38.4459

Background



This preview shows how black text looks on a background with the YUV color 62.1620, -5.5029, 38.4459.



This preview shows how white text looks on a background with the YUV color 62.1620, -5.5029,

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

62.1620, -5.5029, 38.4459

Protanopia

64.3700, -1.1684, 1.4295

Deuteranopia

63.7040, -7.7421, 9.9066



Tritanopia

62.1790, -7.9762, 38.4310

Trichromacy



Original Color

62.1620, -5.5029, 38.4459

Protanomaly

63.7030, -2.8116, 15.1695

Deuteranomaly

62.9980, -6.9010, 20.1728

Tritanomaly

62.4070, -7.1027, 38.2311

Monochromacy



Original Color

62.1620, -5.5029, 38.4459

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2190, -2.0800, 13.8399

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1620, -5.5029, 38.4459 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(106, 42, 51)` looks like.

```
.text, #text, p{  
    color:rgb(106, 42, 51)  
}
```

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(106, 42, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 42, 51) }
```

Border

The CSS property to change the border of an element to YUV 62.1620, -5.5029, 38.4459 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(106, 42, 51) }
```


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

```
.border{ border-color:rgb(106, 42, 51) }
```

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

Here you see how a box with a 4 pixel rgb(106, 42, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 42, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 42, 51);  
box-shadow:4px 4px 4px 4px rgb(106, 42,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 62.1620, -5.5029, 38.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 42, 51) }
```

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

```
.background{ background-color: rgb(106, 42,  
51) }
```

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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