

Converting Colors

YUV(61.7620, -12.2077,
42.3047)

Have a look what the booklet for
YUV(61.7620, -12.2077, 42.3047)
contains.

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Color

**YUV(61.7620, -12.2077,
42.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2A25
RGB	110, 42, 37
RGB Percent	43%, 16%, 15%
CMY	0.5686, 0.8353, 0.8549
CMYK	0.00, 0.62, 0.66, 0.57
HSL	4°, 50%, 29%
HSV	4°, 66%, 43%
XYZ	7.5923, 5.1045, 2.3354
YIQ	61.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

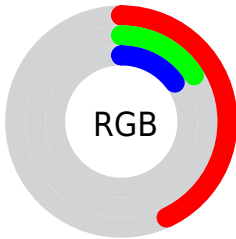
Format	Color
R_{YB}	110, 42, 37
Decimal	7219749
CIE Lab	27.03, 29.86, 18.62
CIE LCh	27, 35.190, 31.950
Yxy	5.1045, 0.5051, 0.3396
Android (android.graphics.Color)	4285409829 (0xFF6E2A25)
YUV	61.7620, -12.2077, 42.3047
Hunter-Lab	22.5931, 20.4460, 9.6866

Details

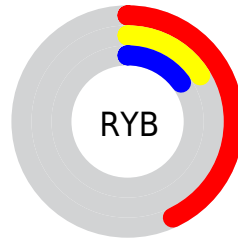
The YUV color **61.7620, -12.2077, 42.3047** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.2380, 12.2077, -42.3047**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8120, -14.6973, 47.5229**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **54.6380, -14.1185, 48.5525**, and if you desaturate by 10%, it is **68.8860, -10.2968, 36.0570**.

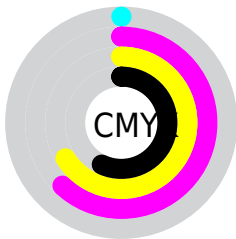
Distribution



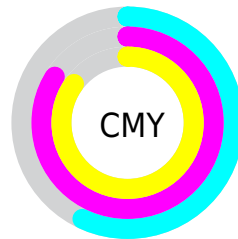
- Red (43%)
- Green (16%)
- Blue (15%)



- Red (43%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (66%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.7620, -12.2077, 42.3047 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 61.7620, -12.2077, 42.3047 by changing the saturation by 10% instead.

■ 61.7620, -12.2077,
42.3047

■ 61.7620, -12.2077,
42.3047

■ 255.0000, 0.0000,
0.0000

■ 37.3210, -10.0183,
40.0605

■ 111.8120,
-14.6973, 47.5229

■ 17.0430, -8.4022,
35.0423

■ 138.1820,
-15.8657, 48.9524

■ 9.3830, -4.1328,
18.9581

■ 165.2640,
-16.8922, 51.5115

■ 0.0000, 0.0000,
0.0000

■ 192.7480,
-17.6238, 52.8410

■ 212.2730,
-13.9386, 37.4716

■ 231.9010, -9.8112,

20.2578

■ 252.1160, -5.9732,
2.5293

■ 61.7620, -12.2077,
42.3047

■ 61.7620, -12.2077,
42.3047

■ 54.6380, -14.1185,
48.5525

■ 68.8860, -10.2968,
36.0570

■ 47.5140, -16.0294,
54.8002

■ 76.0100, -8.3859,
29.8092

■ 39.8030, -17.6509,
61.5628

■ 83.7210, -6.7645,
23.0467

■ 37.5860, -18.5299,
63.5071

■ 90.8450, -4.8536,
16.7989

■ 97.9690, -2.9427,
10.5512

■ 105.0930, -1.0318,
4.3034

■ 112.8040, 0.5896,
-2.4591

■ 119.9280, 2.5005,
-8.7069

■ 127.0520, 4.4114,
-14.9546

Harmonies

Analogous

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



62.0900, 0.4486, 42.8941



61.7620, -12.2077, 42.3047



61.8240, -23.0842, 30.8494

Triad

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



61.7620, -12.2077, 42.3047



48.2430, -5.5428, -42.3091



52.1940, 32.4424, -45.7741

Complementary

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



61.7620, -12.2077, 42.3047



85.2380, 12.2077, -42.3047

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.



55.5050, 27.3590, -48.6779



61.7620, -12.2077, 42.3047



52.0220, 6.3982, -45.6233

Square

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



61.7620, -12.2077, 42.3047



56.9240, -21.6545, -7.8263



55.1000, 18.1917, -48.3227



65.1460, 22.1130, 0.7490

Rectangle

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



61.7620, -12.2077, 42.3047



60.4930, -27.8510, 19.7386



55.1000, 18.1917, -48.3227



53.8410, 31.1374, -47.2186

Sweetspot

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



61.7620, -12.2077, 42.3047



123.8450, -4.8536, 16.7989



66.5790, 18.9416, 38.0802



59.6700, -2.7953, 9.9364



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.



61.7620, -12.2077, 42.3047



67.1950, -18.8301, 66.4810



82.8940, -22.6257, 23.7720



52.3810, -1.1738, 3.1739



40.5760, -20.0040, 69.6548



83.8320, -41.3292, 143.0983

Inverse Universe

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



85.2380, 12.2077, -42.3047



104.2180, 19.1195, -65.9662



64.1060, 22.6257, -23.7720



54.2060, 0.8844, -3.6887



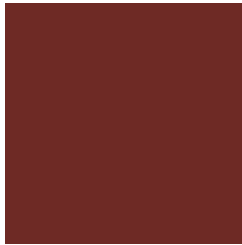
79.4240, 20.0040, -69.6548



163.1680, 41.3292, -143.0983

Previews

White Background



This preview shows how the YUV color 61.7620, -12.2077, 42.3047 looks on a white background.

Color Contrast Check

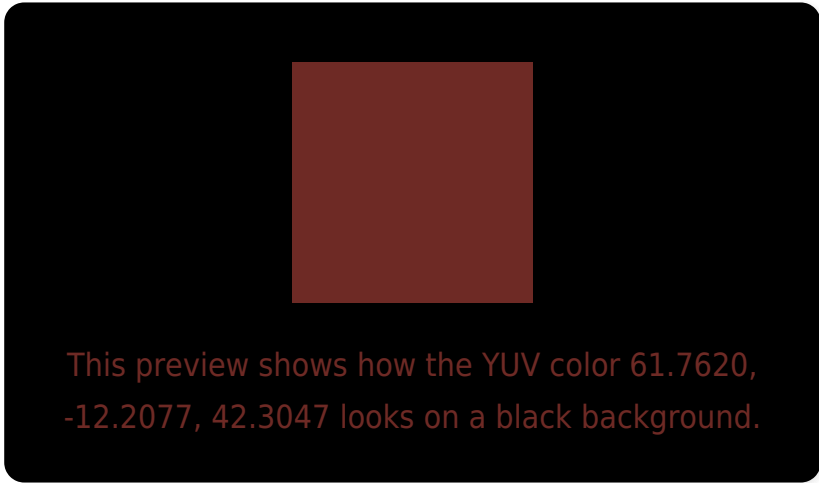
Large Text (above 18pt) WCAG AA ✓ Pass

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

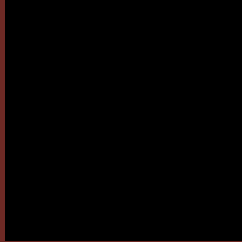
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.7620, -12.2077, 42.3047

Background



This preview shows how black text looks on a background with the YUV color 61.7620, -12.2077, 42.3047.

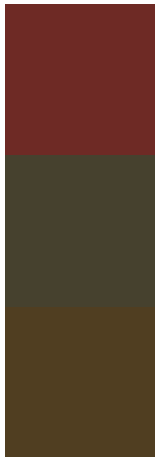


This preview shows how white text looks on a background with the YUV color 61.7620, -12.2077,

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

61.7620, -12.2077, 42.3047

Protanopia

64.3290, -9.0362, 4.9735

Deuteranopia

64.0760, -15.3205, 13.9653



Tritanopia

61.9730, -8.8607, 42.1197

Trichromacy



Original Color

61.7620, -12.2077, 42.3047

Protanomaly

63.7760, -10.2426, 18.6134

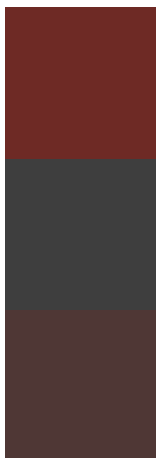
Deuteranomaly

63.3700, -14.4794, 24.2315

Tritanomaly

61.6310, -10.1711, 42.4196

Monochromacy



Original Color

61.7620, -12.2077, 42.3047

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7620, -12.2077, 42.3047 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, 42, 37)` looks like.

```
.text, #text, p{  
    color:rgb(110, 42, 37)  
}
```

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, 42, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 42, 37) }
```

Border

The CSS property to change the border of an element to YUV 61.7620, -12.2077, 42.3047 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, 42, 37) }
```


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

```
.border{ border-color:rgb(110, 42, 37) }
```

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

Here you see how a box with a 4 pixel rgb(110, 42, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 42, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 42, 37);  
box-shadow:4px 4px 4px 4px rgb(110, 42,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 61.7620, -12.2077, 42.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 42, 37) }
```

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

```
.background{ background-color: rgb(110, 42,  
37) }
```

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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