

Converting Colors

YUV(61.8030, 12.4221, 29.1138)

Have a look what the booklet for
YUV(61.8030, 12.4221, 29.1138)
contains.

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Color

**YUV(61.8030, 12.4221,
29.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	5F2857
RGB	95, 40, 87
RGB Percent	37%, 16%, 34%
CMY	0.6275, 0.8431, 0.6588
CMYK	0.00, 0.58, 0.08, 0.63
HSL	309°, 41%, 26%
HSV	309°, 58%, 37%
XYZ	7.1984, 4.6386, 9.5328
YIQ	61.8030, 17.6930, 26.2770

Conversions

Conversions Part 2

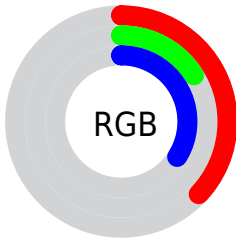
Format	Color
RYB	95, 40, 87
Decimal	6236247
CIELab	25.68, 31.89, -16.95
CIELCh	26, 36.116, 332.016
Yxy	4.6386, 0.3368, 0.2171
Android (android.graphics.Color)	4284426327 (0xFF5F2857)
YUV	61.8030, 12.4221, 29.1138
Hunter-Lab	21.5374, 21.9692, -11.1664

Details

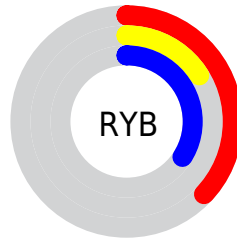
The YUV color **61.8030, 12.4221, 29.1138** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.1970, -12.4221, -29.1138**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2270, 12.7061, 31.3729**, and **18.7270, 10.9806, 24.7954** is the 20% darker color. If you saturate the color by 10%, you get **56.4060, 14.5898, 33.8469**, and if you desaturate by 10%, it is **67.2000, 10.2544, 24.3806**.

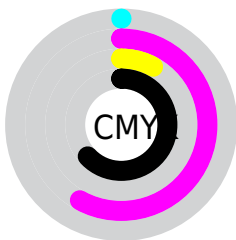
Distribution



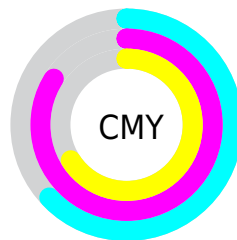
- Red (37%)
- Green (16%)
- Blue (34%)



- Red (37%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (58%)
- Yellow (8%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8030, 12.4221, 29.1138 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 61.8030, 12.4221, 29.1138 by changing the saturation by 10% instead.

61.8030, 12.4221,
29.1138

61.8030, 12.4221,
29.1138

255.0000, 0.0000,
0.0000

37.6180, 13.0063,
28.3990

111.2270, 12.7061,
31.3729

18.7270, 10.9806,
24.7954

136.9390, 12.8481,
32.5025

8.2600, 5.7878,
10.2960

163.6510, 12.9901,
33.6321

0.0000, 0.0000,
0.0000

191.3630, 13.1320,
34.7616

218.2810, 14.1585,
32.2026

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

61.8030, 12.4221,
29.1138

61.8030, 12.4221,
29.1138

56.4060, 14.5898,
33.8469

67.2000, 10.2544,
24.3806

50.3080, 16.6102,
39.1949

73.2980, 8.2341,
19.0327

44.9110, 18.7779,
43.9281

79.2820, 5.7770,
13.7847

38.8130, 20.7982,
49.2760

84.7930, 4.0461,
8.9515

37.6390, 21.3770,
50.3056

90.7770, 1.5889,
3.7036

■ 96.1740, -0.5788,
-1.0296

■ 101.6850, -2.3097,
-5.8627

■ 107.6690, -4.7668,
-11.1107

■ 113.6530, -7.2239,
-16.3587

Harmonies

Analogous

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



62.2600, 22.5498, 0.6490



61.8030, 12.4221, 29.1138



58.8020, 0.5906, 44.0236

Triad

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



61.8030, 12.4221, 29.1138



56.7480, -27.9768, 13.3760



52.9970, 17.7495, -46.4784

Complementary

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



61.8030, 12.4221, 29.1138



73.1970, -12.4221, -29.1138

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.



49.9190, 5.9559, -43.7790



61.8030, 12.4221, 29.1138



53.6960, -22.5281, -7.6264

Square

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



61.8030, 12.4221, 29.1138



58.5960, -23.9578, 31.0493



46.1400, -5.9850, -40.4648



53.5160, 27.3536, -46.9335

Rectangle

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



61.8030, 12.4221, 29.1138



57.9240, -7.8505, 44.7937



46.1400, -5.9850, -40.4648



52.0850, 14.2551, -45.6785

Sweetspot

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



61.8030, 12.4221, 29.1138



109.9180, 4.4774, 10.5959



48.3630, 22.9920, -1.1954



53.7280, 2.5991, 6.3775



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



61.8030, 12.4221, 29.1138



71.3240, 19.0673, 44.4429



58.7250, 0.6286, 31.8132



45.6520, 1.1576, 2.0592



44.4320, 25.4230, 59.2571



95.1300, 54.1659, 127.0510

Inverse Universe

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



61.8030, 12.4221, 29.1138



71.3240, 19.0673, 44.4429



76.2750, -0.6286, -31.8132



45.6520, 1.1576, 2.0592



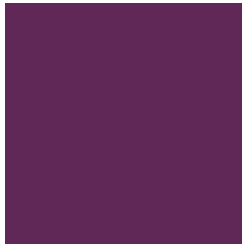
44.4320, 25.4230, 59.2571



95.1300, 54.1659, 127.0510

Previews

White Background



This preview shows how the YUV color 61.8030, 12.4221, 29.1138 looks on a white background.

Color Contrast Check

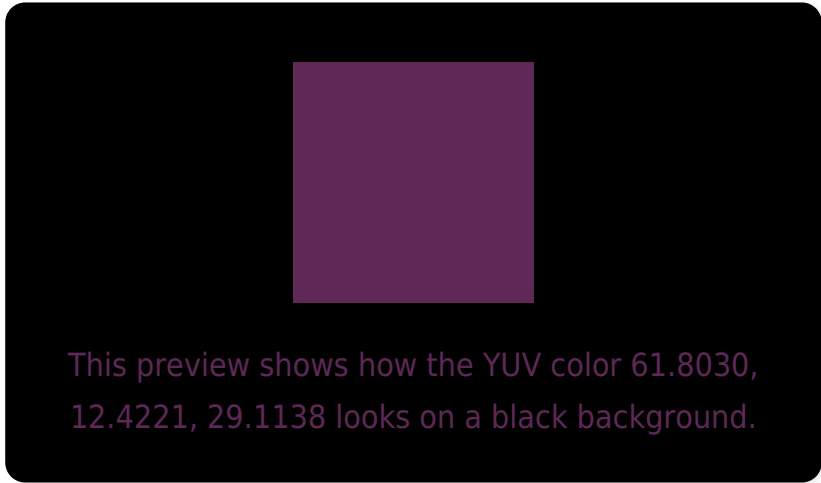
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.8030, 12.4221, 29.1138

Background



This preview shows how black text looks on a background with the YUV color 61.8030, 12.4221, 29.1138.



This preview shows how white text looks on a background with the YUV color 61.8030, 12.4221,

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

61.8030, 12.4221, 29.1138

Protanopia

59.9330, 21.7250, -14.8502

Deuteranopia

61.8280, 10.9308, -5.9882



Tritanopia

61.9000, -4.8807, 25.5207

Trichromacy



Original Color

61.8030, 12.4221, 29.1138

Protanomaly

60.8210, 18.3292, 1.0340

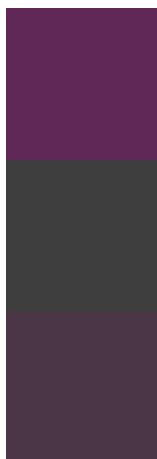
Deuteranomaly

61.7310, 11.4716, 7.2519

Tritanomaly

61.9200, 1.5184, 26.3802

Monochromacy



Original Color

61.8030, 12.4221, 29.1138

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8030, 12.4221, 29.1138 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(95, 40, 87)` looks like.

```
.text, #text, p{  
    color:rgb(95, 40, 87)  
}
```

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(95, 40, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 40, 87) }
```

Border

The CSS property to change the border of an element to YUV 61.8030, 12.4221, 29.1138 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(95, 40, 87) }
```


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

```
.border{ border-color:rgb(95, 40, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 40, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 40, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 40, 87);  
box-shadow:4px 4px 4px 4px rgb(95, 40, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.8030, 12.4221, 29.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 40, 87) }
```

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

```
.background{ background-color: rgb(95, 40,  
87) }
```

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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