

Converting Colors

YUV(78.2830, 18.1015, 74.2968)

Have a look what the booklet for
YUV(78.2830, 18.1015, 74.2968)
contains.

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Color

**YUV(78.2830, 18.1015,
74.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	A31C73
RGB	163, 28, 115
RGB Percent	64%, 11%, 45%
CMY	0.3608, 0.8902, 0.5490
CMYK	0.00, 0.83, 0.29, 0.36
HSL	321°, 71%, 37%
HSV	321°, 83%, 64%
XYZ	18.6140, 9.8548, 17.1408
YIQ	78.2830, 52.5330, 55.6770

Conversions

Conversions Part 2

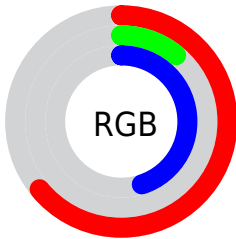
Format	Color
R_{YB}	163, 28, 115
Decimal	10689651
CIE _{Lab}	37.58, 59.41, -15.61
CIE _{LCh}	38, 61.426, 345.278
Yxy	9.8548, 0.4081, 0.2161
Android (android.graphics.Color)	4288879731 (0xFFA31C73)
YUV	78.2830, 18.1015, 74.2968
Hunter-Lab	31.3924, 50.9042, -10.3986

Details

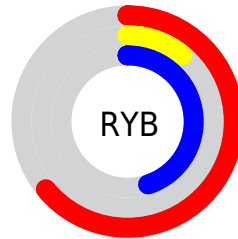
The YUV color **78.2830, 18.1015, 74.2968** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **112.7170, -18.1015, -74.2968**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2460, 14.1757, 73.4523**, and **39.3320, 13.6403, 58.4678** is the 20% darker color. If you saturate the color by 10%, you get **68.2070, 20.1109, 83.1335**, and if you desaturate by 10%, it is **88.3590, 16.0920, 65.4602**.

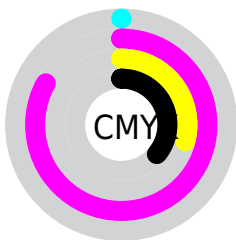
Distribution



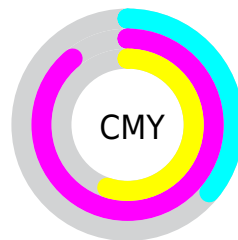
- Red (64%)
- Green (11%)
- Blue (45%)



- Red (64%)
- Yellow (11%)
- Blue (45%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (36%)



- Cyan (36%)
- Magenta (89%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2830, 18.1015, 74.2968 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 78.2830, 18.1015, 74.2968 by changing the saturation by 10% instead.

■ 78.2830, 18.1015,
74.2968

■ 78.2830, 18.1015,
74.2968

■ 255.0000, 0.0000,
0.0000

■ 50.3260, 19.5593,
73.3821

■ 138.2460, 14.1757,
73.4523

■ 39.3320, 13.6403,
58.4678

■ 166.7300, 13.4441,
74.7818

■ 28.6370, 7.5740,
44.1684

■ 187.2550, 17.1293,
59.4124

■ 18.8820, 2.5232,
30.7985

■ 206.9970, 21.6935,
42.0986

■ 4.4850, -2.2111,
9.2217

■ 224.4760, 15.0483,
26.7695

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.6560,

11.8404

■ 78.2830, 18.1015,
74.2968

■ 78.2830, 18.1015,
74.2968

■ 68.2070, 20.1109,
83.1335

■ 88.3590, 16.0920,
65.4602

■ 60.7070, 21.8364,
89.7110

■ 99.0220, 13.7932,
56.1087

■ 108.9840, 11.3469,
47.3720

■ 119.0600, 9.3374,
38.5354

■ 129.7230, 7.0386,
29.1839

■ 139.7990, 5.0291,
20.3473

■ 149.8750, 3.0196,
11.5106

■ 159.8370, 0.5734,
2.7740

■ 170.5000, -1.7255,
-6.5775

Harmonies

Analogous

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



89.8130, 34.1092, 26.4740



78.2830, 18.1015, 74.2968



71.8770, -2.8974, 89.5619

Triad

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



78.2830, 18.1015, 74.2968



80.5930, -39.7323, 3.8649



81.5220, 38.1967, -71.4948

Complementary

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



78.2830, 18.1015, 74.2968



112.7170, -18.1015, -74.2968

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.



77.4520, 17.5252, -67.9254



78.2830, 18.1015, 74.2968



63.4400, -31.2759, -48.6209

Square

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



78.2830, 18.1015, 74.2968



83.4710, -41.1512, 39.0519



70.3500, -4.6095, -61.6969



80.3770, 51.5791, -70.4906

Rectangle

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



78.2830, 18.1015, 74.2968



77.5770, -21.4835, 77.5470



70.3500, -4.6095, -61.6969



80.5130, 31.7921, -70.6099

Sweetspot

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



78.2830, 18.1015, 74.2968



178.7230, 7.0386, 29.1839



57.4430, 52.0396, 15.3975



86.9620, 4.4557, 17.5733



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



78.2830, 18.1015, 74.2968



80.1800, 28.0123, 115.6061



70.6450, -11.1640, 80.9953



76.3750, 1.2941, 4.9331



54.0710, 19.6850, 79.7447



6.7500, 2.5882, 9.8663

Inverse Universe

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



78.2830, 18.1015, 74.2968



80.1800, 28.0123, 115.6061



120.3550, 11.1640, -80.9953



76.3750, 1.2941, 4.9331



54.0710, 19.6850, 79.7447



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 78.2830, 18.1015, 74.2968 looks on a white background.

Color Contrast Check

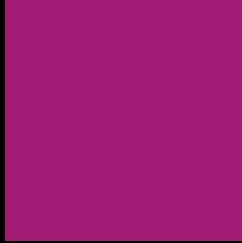
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 78.2830, 18.1015, 74.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

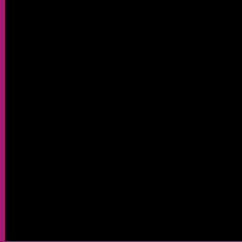
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2830, 18.1015, 74.2968

Background



This preview shows how black text looks on a background with the YUV color 78.2830, 18.1015, 74.2968.



This preview shows how white text looks on a background with the YUV color 78.2830, 18.1015,

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

78.2830, 18.1015, 74.2968

Protanopia

87.0100, 34.9981, -25.4418

Deuteranopia

90.8780, 8.4411, -0.7700



Tritanopia

83.6340, -14.6096, 66.0960

Trichromacy



Original Color

78.2830, 18.1015, 74.2968

Protanomaly

83.6340, 28.7744, 10.8450

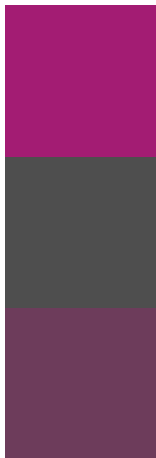
Deuteranomaly

86.3790, 12.1382, 26.8546

Tritanomaly

81.7450, -2.8323, 68.6296

Monochromacy



Original Color

78.2830, 18.1015, 74.2968

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1850, 6.3178, 27.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2830, 18.1015, 74.2968 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(163, 28, 115)` looks like.

```
.text, #text, p{  
    color:rgb(163, 28, 115)  
}
```

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(163, 28, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 28, 115) }
```

Border

The CSS property to change the border of an element to YUV 78.2830, 18.1015, 74.2968 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(163, 28, 115) }
```


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

```
.border{ border-color:rgb(163, 28, 115) }
```

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

Here you see how a box with a 4 pixel rgb(163, 28, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 28, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 28, 115);  
box-shadow:4px 4px 4px 4px rgb(163, 28,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 78.2830, 18.1015, 74.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 28, 115) }
```

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

```
.background{ background-color: rgb(163, 28,  
115) }
```

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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