

Converting Colors

YUV(30.8190, 31.6412, 24.7147)

Have a look what the booklet for
YUV(30.8190, 31.6412, 24.7147)
contains.

YUV(30.8190, 31.6412, 24.7147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(30.8190, 31.6412,
24.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	3B045F
RGB	59, 4, 95
RGB Percent	23%, 2%, 37%
CMY	0.7686, 0.9843, 0.6275
CMYK	0.38, 0.96, 0.00, 0.63
HSL	276°, 92%, 19%
HSV	276°, 96%, 37%
XYZ	3.9126, 1.8429, 10.9760
YIQ	30.8190, 3.5690, 39.9610

Conversions

Conversions Part 2

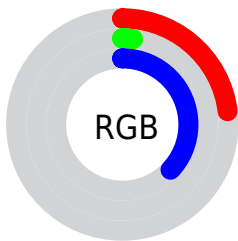
Format	Color
R_{YB}	59, 4, 95
Decimal	3867743
CIE Lab	14.64, 40.57, -40.25
CIE LCh	15, 57.153, 315.227
Yxy	1.8429, 0.2338, 0.1101
Android (android.graphics.Color)	4282057823 (0xFF3B045F)
YUV	30.8190, 31.6412, 24.7147
Hunter-Lab	13.5752, 27.6901, -38.4351

Details

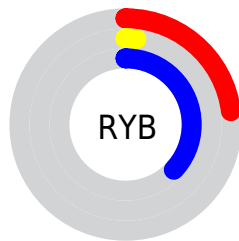
The YUV color **30.8190, 31.6412, 24.7147** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.1810, -31.6412, -24.7147**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7050, 31.2044, 24.8147**, and **5.7710, 20.8189, -4.1842** is the 20% darker color. If you saturate the color by 10%, you get **27.8730, 33.0936, 25.5444**, and if you desaturate by 10%, it is **37.8850, 28.1577, 22.0259**.

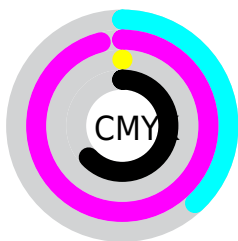
Distribution



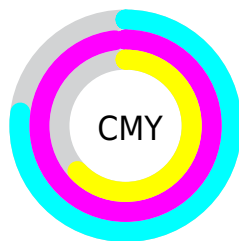
- Red (23%)
- Green (2%)
- Blue (37%)



- Red (23%)
- Yellow (2%)
- Blue (37%)



- Cyan (38%)
- Magenta (96%)
- Yellow (0%)
- Black (63%)



- Cyan (77%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8190, 31.6412, 24.7147 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 30.8190, 31.6412, 24.7147 by changing the saturation by 10% instead.

■ 30.8190, 31.6412,
24.7147

■ 30.8190, 31.6412,
24.7147

■ 247.9560, 3.4727,
6.1776

■ 18.2600, 26.0008,
13.8040

■ 82.7050, 31.2044,
24.8147

■ 5.7710, 20.8189,
-4.1842

■ 108.5310, 31.7832,
25.8443

■ 3.5510, 11.0674,
-3.1142

■ 134.4710, 32.7988,
26.7739


■ 0.0000, 0.0000,
0.0000


■ 161.2970, 33.3776,
27.8035


■ 188.7810, 32.6460,
29.1331


■ 213.3010, 20.5576,


33.0620


 231.5200, 11.5756,
20.5920


 30.8190, 31.6412,
24.7147


 30.8190, 31.6412,
24.7147


 27.8730, 33.0936,
25.5444

 37.8850, 28.1577,
22.0259

 44.3640, 24.9635,
19.8518

 51.1310, 21.6274,
16.5481

 57.6100, 18.4333,
14.3740

 64.6760, 14.9497,
11.6851

■ 71.1550, 11.7556,
9.5111

■ 77.9220, 8.4195,
6.2074

■ 84.4010, 5.2253,
4.0333

■ 91.4670, 1.7418,
1.3444

Harmonies

Analogous

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



35.0570, 40.3979, -30.7450



30.8190, 31.6412, 24.7147



34.8320, 11.9148, 51.8903

Triad

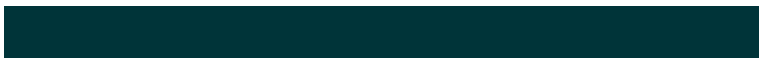
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.8190, 31.6412, 24.7147



35.2730, -17.3896, 24.3166



37.0220, 9.8492, -32.4683

Complementary

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



30.8190, 31.6412, 24.7147



68.1810, -31.6412, -24.7147

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.



31.5330, -8.6438, -27.6544



30.8190, 31.6412, 24.7147



32.7270, -16.1344, -5.0226

Square

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



30.8190, 31.6412, 24.7147



26.3120, -12.9718, 54.1004



28.1760, -13.8908, -24.7104



41.3540, 26.4475, -36.2675

Rectangle

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



30.8190, 31.6412, 24.7147



33.8470, -0.9106, 58.8932



28.1760, -13.8908, -24.7104



35.4260, 3.7340, -31.0686

Sweetspot

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



30.8190, 31.6412, 24.7147



97.2690, 12.1924, 9.4111



35.5060, 29.3305, -27.6308



46.2810, 7.2565, 5.8926



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.



30.8190, 31.6412, 24.7147



36.0340, 42.3812, 33.2962



40.5570, 22.4034, 47.7465



45.3530, 1.3050, 1.4444



33.1000, 38.8977, 30.6073



70.7150, 83.4575, 65.1479

Inverse Universe

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



35.3130, 2.3107, 52.3455



41.9500, 2.9826, 70.2039



58.4430, -22.4034, -47.7465



45.4240, 0.2840, 2.2592



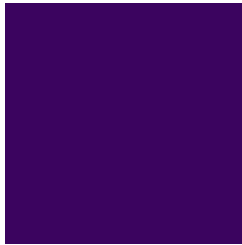
38.5040, 2.7095, 64.4560



82.5900, 6.1181, 138.0486

Previews

White Background



This preview shows how the YUV color 30.8190, 31.6412, 24.7147 looks on a white background.

Color Contrast Check

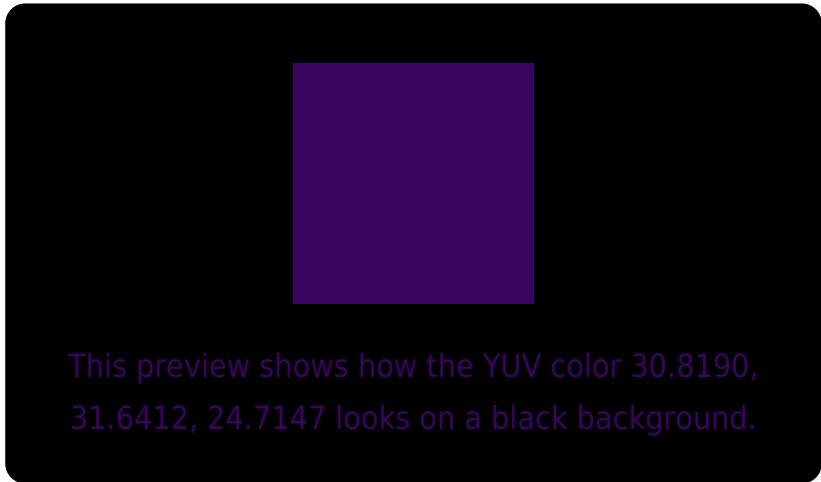
Large Text (above 18pt) WCAG AA ✓ Pass

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

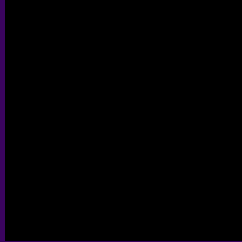
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8190, 31.6412, 24.7147

Background



This preview shows how black text looks on a background with the YUV color 30.8190, 31.6412, 24.7147.



This preview shows how white text looks on a background with the YUV color 30.8190, 31.6412,

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

30.8190, 31.6412, 24.7147

Protanopia

32.2410, 24.5312, -28.2754

Deuteranopia

32.0470, 18.7108, -28.1052



Tritanopia

40.6310, -0.3111, 6.4626

Trichromacy



Original Color

30.8190, 31.6412, 24.7147

Protanomaly

31.4590, 27.3817, -9.1725

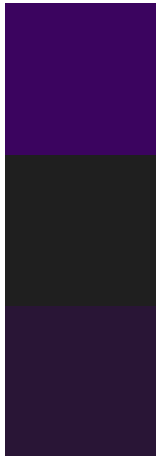
Deuteranomaly

31.7210, 23.3085, -9.4023

Tritanomaly

37.0630, 11.3079, 13.0997

Monochromacy



Original Color

30.8190, 31.6412, 24.7147

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.7420, 11.4662, 8.9963

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8190, 31.6412, 24.7147 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(59, 4, 95)` looks like.

```
.text, #text, p{  
    color:rgb(59, 4, 95)  
}
```

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(59, 4, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 4, 95) }
```

Border

The CSS property to change the border of an element to YUV 30.8190, 31.6412, 24.7147 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(59, 4, 95) }
```


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

```
.border{ border-color:rgb(59, 4, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 4, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 4, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 4, 95); box-shadow:4px  
4px 4px 4px rgb(59, 4, 95) }
```

Background

The CSS property to change the background color of an element to YUV 30.8190, 31.6412, 24.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 4, 95) }
```

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

```
.background{ background-color: rgb(59, 4,  
95) }
```

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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