

Converting Colors

YUV(64.1810, 28.9978,
-14.1907)

Have a look what the booklet for
YUV(64.1810, 28.9978, -14.1907)
contains.

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Color

**YUV(64.1810, 28.9978,
-14.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	303D7B
RGB	48, 61, 123
RGB Percent	19%, 24%, 48%
CMY	0.8118, 0.7608, 0.5176
CMYK	0.61, 0.50, 0.00, 0.52
HSL	230°, 44%, 34%
HSV	230°, 61%, 48%
XYZ	6.4628, 5.3959, 19.4398
YIQ	64.1810, -27.6500, 16.5260

Conversions

Conversions Part 2

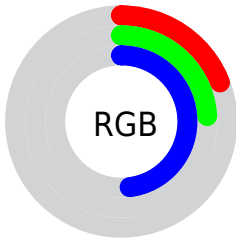
Format	Color
R_{YB}	48, 59, 123
Decimal	3161467
CIE _{Lab}	27.83, 15.14, -37.04
CIE _{LCh}	28, 40.016, 292.229
Yxy	5.3959, 0.2065, 0.1724
Android (android.graphics.Color)	4281351547 (0xFF303D7B)
YUV	64.1810, 28.9978, -14.1907
Hunter-Lab	23.2291, 9.0114, -33.3577

Details

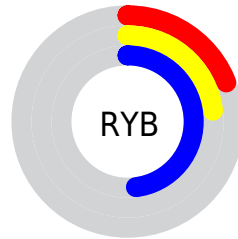
The YUV color **64.1810, 28.9978, -14.1907** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.8190, -28.9978, 14.1907**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6590, 30.7341, -11.1019**, and **20.1760, 26.5352, -17.6944** is the 20% darker color. If you saturate the color by 10%, you get **54.7230, 33.6606, -16.4201**, and if you desaturate by 10%, it is **73.6390, 24.3350, -11.9614**.

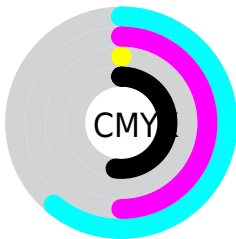
Distribution



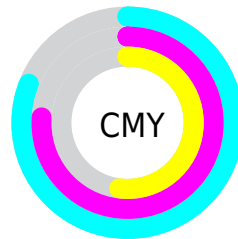
- Red (19%)
- Green (24%)
- Blue (48%)



- Red (19%)
- Yellow (23%)
- Blue (48%)



- Cyan (61%)
- Magenta (50%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1810, 28.9978, -14.1907 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 64.1810, 28.9978, -14.1907 by changing the saturation by 10% instead.

■ 64.1810, 28.9978,
-14.1907

■ 64.1810, 28.9978,
-14.1907

■ 255.0000, 0.0000,
0.0000

■ 39.1480, 29.0140,
-19.4238

■ 113.6590, 30.7341,
-11.1019

■ 20.1760, 26.5352,
-17.6944

■ 139.5990, 31.7497,
-10.1723

■ 5.8140, 22.2767,
-5.0989

■ 166.1260, 32.4759,
-9.7575

■ 4.4800, 12.0884,
-3.9290

■ 192.9690, 30.5813,
-8.7428

■ 0.0000, 0.0000,
0.0000

■ 217.7770, 18.3509,
-5.9434

■ 242.8840, 5.9732,

-2.5293

■ 64.1810, 28.9978,
-14.1907

■ 64.1810, 28.9978,
-14.1907

■ 54.7230, 33.6606,
-16.4201

■ 73.6390, 24.3350,
-11.9614

■ 44.9660, 38.4708,
-19.2642

■ 83.3960, 19.5248,
-9.1173

■ 34.9210, 43.4229,
-20.9787

■ 93.4410, 14.5726,
-7.4028

■ 26.3490, 47.6489,
-23.1081

■ 102.8990, 9.9098,
-5.1734

■ 112.6560, 5.0996,
-2.3293

■ 122.1140, 0.4368,
-0.1000

■ 131.5720, -4.2260,
2.1294

■ 141.0300, -8.8888,
4.3587

■ 151.3740,
-13.9884, 6.6880

Harmonies

Analogous

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



56.7420, 34.6372, -49.7627



64.1810, 28.9978, -14.1907



67.2630, 18.1113, 24.3253

Triad

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



64.1810, 28.9978, -14.1907



62.2920, -22.8220, 40.0859



52.7570, 1.5988, -46.2679

Complementary

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



64.1810, 28.9978, -14.1907



106.8190, -28.9978, 14.1907

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.



51.9360, -13.2794, -34.1469



64.1810, 28.9978, -14.1907



61.8200, -30.4773, 22.0829

Square

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



64.1810, 28.9978, -14.1907



62.0280, -8.8878, 50.8414



59.0190, -29.0964, -0.8937



56.9920, 15.2869, -49.9820

Rectangle

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



64.1810, 28.9978, -14.1907



64.5980, 10.0582, 40.6946



59.0190, -29.0964, -0.8937



51.6170, -2.7692, -45.2681

Sweetspot

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



64.1810, 28.9978, -14.1907



138.2410, 11.2202, -5.4734



98.9790, 4.9404, -44.7086



67.8130, 6.9942, -3.3440



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



64.1810, 28.9978, -14.1907



68.7790, 45.4650, -22.6082



63.7260, 29.2221, 7.2563



56.2710, 2.3314, -1.1147



27.1640, 48.2331, -23.8228



54.5560, 97.3399, -47.8456

Inverse Universe

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



71.9070, -5.3772, 44.8086



80.6760, -8.2213, 70.4441



107.2740, -29.2221, -7.2563



56.9080, -0.4476, 3.5887



39.8830, -8.8163, 74.6476



80.3640, -17.9275, 150.5248

Previews

White Background



This preview shows how the YUV color 64.1810, 28.9978, -14.1907 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 64.1810, 28.9978, -14.1907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

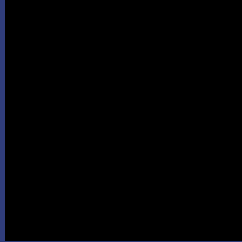
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1810, 28.9978, -14.1907

Background



This preview shows how black text looks on a background with the YUV color 64.1810, 28.9978, -14.1907.



This preview shows how white text looks on a background with the YUV color 64.1810, 28.9978, -14.1907.

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

64.1810, 28.9978, -14.1907

Protanopia

60.9020, 32.0933, -27.1011

Deuteranopia

52.7810, 32.1530, -46.2889



Tritanopia

58.9300, 9.4015, -28.8796

Trichromacy



Original Color

64.1810, 28.9978, -14.1907

Protanomaly

62.2940, 30.9141, -22.1828

Deuteranomaly

56.9180, 31.0994, -35.0081

Tritanomaly

60.7980, 16.3686, -23.5018

Monochromacy



Original Color

64.1810, 28.9978, -14.1907

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1810, 28.9978, -14.1907 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(48, 61, 123)` looks like.

```
.text, #text, p{  
    color:rgb(48, 61, 123)  
}
```

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(48, 61, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 61, 123) }
```

Border

The CSS property to change the border of an element to YUV 64.1810, 28.9978, -14.1907 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(48, 61, 123) }
```


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

```
.border{ border-color:rgb(48, 61, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 61, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 61, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 61, 123);  
box-shadow:4px 4px 4px 4px rgb(48, 61,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 64.1810, 28.9978, -14.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 61, 123) }
```

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

```
.background{ background-color: rgb(48, 61,  
123) }
```

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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