

Converting Colors

YUV(43.8410, 58.2524,
-17.4006)

Have a look what the booklet for
YUV(43.8410, 58.2524, -17.4006)
contains.

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Color

**YUV(43.8410, 58.2524,
-17.4006)**

Conversions

Conversions Part 1

Format	Color
Hex	181FA2
RGB	24, 31, 162
RGB Percent	9%, 12%, 64%
CMY	0.9059, 0.8784, 0.3647
CMYK	0.85, 0.81, 0.00, 0.36
HSL	237°, 74%, 36%
HSV	237°, 85%, 64%
XYZ	7.3883, 3.7828, 34.5232
YIQ	43.8410, -46.2230, 39.2570

Conversions

Conversions Part 2

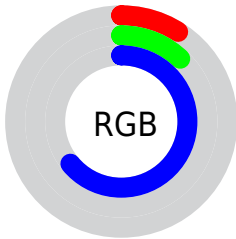
Format	Color
R _Y B	24, 31, 162
Decimal	1580962
CIE Lab	22.94, 45.54, -69.24
CIE LCh	23, 82.877, 303.335
Yxy	3.7828, 0.1617, 0.0828
Android (android.graphics.Color)	4279771042 (0xFF181FA2)
YUV	43.8410, 58.2524, -17.4006
Hunter-Lab	19.4494, 33.7704, -91.6265

Details

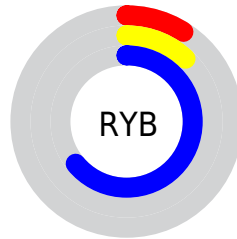
The YUV color **43.8410, 58.2524, -17.4006** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **142.1590, -58.2524, 17.4006**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9400, 58.2036, -1.7014**, and **12.4260, 47.6110, -10.8976** is the 20% darker color. If you saturate the color by 10%, you get **30.2520, 64.9518, -19.5150**, and if you desaturate by 10%, it is **57.4300, 51.5530, -15.2861**.

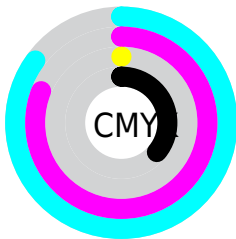
Distribution



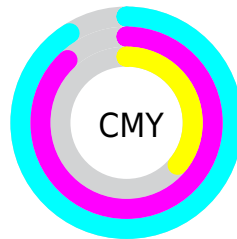
- Red (9%)
- Green (12%)
- Blue (64%)



- Red (9%)
- Yellow (12%)
- Blue (64%)



- Cyan (85%)
- Magenta (81%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (88%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8410, 58.2524, -17.4006 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 43.8410, 58.2524, -17.4006 by changing the saturation by 10% instead.

■ 43.8410, 58.2524,
-17.4006

■ 43.8410, 58.2524,
-17.4006

■ 255.0000, 0.0000,
0.0000

■ 20.0860, 56.6526,
-17.6154

■ 99.9400, 58.2036,
-1.7014

■ 12.4260, 47.6110,
-10.8976

■ 126.8910, 59.2137,
0.9726

■ 9.4620, 36.2542,
-8.2982

■ 151.4480, 51.0511,
5.7461

■ 10.2480, 24.0347,
-8.9875

■ 176.2670, 38.8154,
10.2898

■ 5.3920, 15.5827,
-4.7288

■ 201.0860, 26.5796,
14.8336

■ 2.0690, 5.3890,
-1.8145

■ 226.4920, 14.0544,

■ 0.0000, 0.0000,

18.8625

0.0000

245.0210, 4.9196,
8.7516

43.8410, 58.2524,
-17.4006

43.8410, 58.2524,
-17.4006

30.2520, 64.9518,
-19.5150

57.4300, 51.5530,
-15.2861

23.1640, 68.4461,
-20.3148

71.6060, 44.5642,
-13.6865

85.4940, 37.7175,
-10.9572

99.6700, 30.7287,
-9.3576

113.2590, 24.0293,
-7.2431

■ 126.8480, 17.3299,
-5.1287

■ 141.0240, 10.3412,
-3.5290

■ 154.9120, 3.4944,
-0.7998

■ 168.5010, -3.2050,
1.3146

Harmonies

Analogous

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



58.5440, 61.8498, -51.3431



43.8410, 58.2524, -17.4006



50.7410, 30.2007, 66.8791

Triad

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



43.8410, 58.2524, -17.4006



44.9180, -22.1446, 56.1999



50.3920, 5.2297, -44.1938

Complementary

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



43.8410, 58.2524, -17.4006



142.1590, -58.2524, 17.4006

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.



42.2640, -20.8362, -37.0655



43.8410, 58.2524, -17.4006



51.4100, -25.3451, 9.2874

Square

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



43.8410, 58.2524, -17.4006



42.4580, -20.9318, 87.2983



39.9160, -19.6786, -35.0063



58.6340, 31.7324, -51.4220

Rectangle

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



43.8410, 58.2524, -17.4006



52.4600, 9.6332, 83.7886



39.9160, -19.6786, -35.0063



47.8840, -4.3798, -41.9943

Sweetspot

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



43.8410, 58.2524, -17.4006



164.4440, 23.4451, -6.5284



119.7120, 16.4110, -83.9394



78.9360, 13.8356, -4.3289



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.



43.8410, 58.2524, -17.4006



30.6250, 89.4179, -26.8581



57.6720, 51.4337, 23.0897



74.6130, 3.6418, -1.4146



20.6390, 61.3100, -18.1004



2.6390, 7.5730, -2.3144

Inverse Universe

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



66.0600, -17.2846, 84.1394



64.6420, -26.4455, 129.2330



128.3280, -51.4337, -23.0897



75.8050, -0.8899, 5.4330



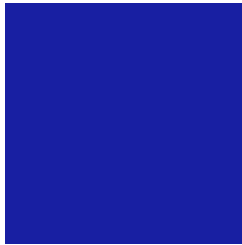
44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 43.8410, 58.2524, -17.4006 looks on a white background.

Color Contrast Check

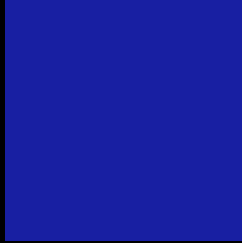
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8410, 58.2524, -17.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

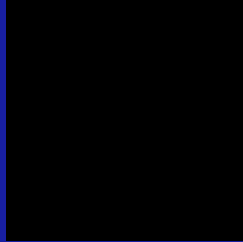
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.8410, 58.2524, -17.4006

Background



This preview shows how black text looks on a background with the YUV color 43.8410, 58.2524, -17.4006.



This preview shows how white text looks on a background with the YUV color 43.8410, 58.2524,

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

43.8410, 58.2524, -17.4006

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

44.2890, 25.0005, -38.8415



Tritanopia

43.2170, 10.7390, -37.9013

Trichromacy



Original Color

43.8410, 58.2524, -17.4006

Protanomaly

43.9260, 42.4345, -30.6301

Deuteranomaly

44.4330, 36.7615, -31.0747

Tritanomaly

43.4410, 27.8836, -30.2048

Monochromacy



Original Color

43.8410, 58.2524, -17.4006

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8740, 21.2611, -6.0285

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8410, 58.2524, -17.4006 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(24, 31, 162)` looks like.

```
.text, #text, p{  
    color:rgb(24, 31, 162)  
}
```

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(24, 31, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 31, 162) }
```

Border

The CSS property to change the border of an element to YUV 43.8410, 58.2524, -17.4006 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(24, 31, 162) }
```


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

```
.border{ border-color:rgb(24, 31, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 31, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 31, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 31, 162);  
box-shadow:4px 4px 4px 4px rgb(24, 31,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 43.8410, 58.2524, -17.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 31, 162) }
```

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

```
.background{ background-color: rgb(24, 31,  
162) }
```

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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