

Converting Colors

YUV(31.8410, 17.8264,
-24.4166)

Have a look what the booklet for
YUV(31.8410, 17.8264, -24.4166)
contains.

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Color

**YUV(31.8410, 17.8264,
-24.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	042744
RGB	4, 39, 68
RGB Percent	2%, 15%, 27%
CMY	0.9843, 0.8471, 0.7333
CMYK	0.94, 0.43, 0.00, 0.73
HSL	207°, 89%, 14%
HSV	207°, 94%, 27%
XYZ	1.8190, 1.8942, 5.7386
YIQ	31.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

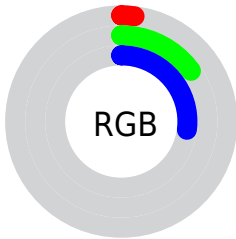
Format	Color
R_{YB}	4, 27, 68
Decimal	272196
CIE _{Lab}	14.92, 0.46, -21.67
CIE _{LCh}	15, 21.677, 271.209
Yxy	1.8942, 0.1924, 0.2004
Android (android.graphics.Color)	4278462276 (0xFF042744)
YUV	31.8410, 17.8264, -24.4166
Hunter-Lab	13.7630, -0.4940, -15.0873

Details

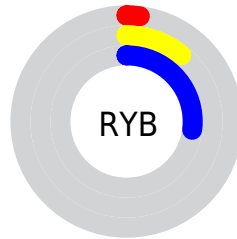
The YUV color **31.8410, 17.8264, -24.4166** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **40.1590, -17.8264, 24.4166**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1730, 17.6627, -18.5687**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **29.4710, 18.9948, -25.8461**, and if you desaturate by 10%, it is **35.6950, 15.9264, -21.6575**.

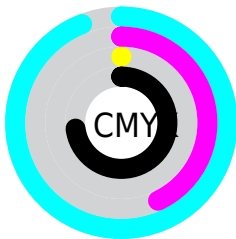
Distribution



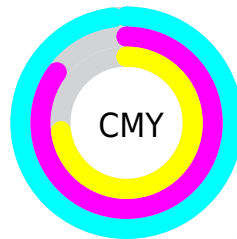
- Red (2%)
- Green (15%)
- Blue (27%)



- Red (2%)
- Yellow (11%)
- Blue (27%)



- Cyan (94%)
- Magenta (43%)
- Yellow (0%)
- Black (73%)



- Cyan (98%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.8410, 17.8264, -24.4166 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 31.8410, 17.8264, -24.4166 by changing the saturation by 10% instead.

■ 31.8410, 17.8264,
-24.4166

■ 31.8410, 17.8264,
-24.4166

■ 252.6080, 1.1793,
-4.9182

■ 15.8100, 14.8837,
-13.8654

■ 80.1730, 17.6627,
-18.5687

■ 3.4370, 10.6306,
-3.0142

■ 104.7000, 18.3889,
-18.1539

■ 0.0000, 0.0000,
0.0000

■ 129.9280, 19.2625,
-18.3539

■ 156.0420, 19.6993,
-18.4538

■ 183.1560, 20.1361,
-18.5538

■ 211.2700, 20.5729,

-18.6538

■ 236.3060, 9.2161,
-16.0544

■ 31.8410, 17.8264,
-24.4166

■ 31.8410, 17.8264,
-24.4166

■ 29.4710, 18.9948,
-25.8461

■ 35.6950, 15.9264,
-21.6575

■ 39.5490, 14.0263,
-18.8985

■ 43.1040, 12.2737,
-16.7542

■ 46.9580, 10.3737,
-13.9952

■ 50.8120, 8.4737,
-11.2361

■ 54.6660, 6.5737,
-8.4771

■ 59.1070, 4.3842,
-6.2328

■ 62.6620, 2.6316,
-4.0886

■ 66.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



32.5370, 15.5113, -28.5349



31.8410, 17.8264, -24.4166



38.3280, 12.6563, 0.5893

Triad

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



31.8410, 17.8264, -24.4166



37.0200, -6.9119, 23.6615



30.7280, -4.3029, -19.9325

Complementary

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



31.8410, 17.8264, -24.4166



40.1590, -17.8264, 24.4166

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.



33.8350, -13.2297, -3.3633



31.8410, 17.8264, -24.4166



36.4510, -14.0263, 18.8985

Square

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



31.8410, 17.8264, -24.4166



37.8550, 0.0715, 23.8062



35.4730, -17.4882, 9.2322



30.7470, 3.5757, -26.9651

Rectangle

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



31.8410, 17.8264, -24.4166



39.0690, 8.8400, 11.3405



35.4730, -17.4882, 9.2322



32.2620, -7.5242, -13.3848

Sweetspot

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



31.8410, 17.8264, -24.4166



75.0680, 6.8685, -9.7066



44.8740, -5.8539, -35.8465



37.1070, 4.3842, -6.2328



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



31.8410, 17.8264, -24.4166



38.9090, 24.6949, -34.1232



13.0570, 27.0869, -7.9430



31.5160, 0.7316, -1.3295



42.1690, 27.0317, -36.9822



97.7370, 62.2477, -85.7153

Inverse Universe

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



27.1260, 5.8539, 35.8465



32.1970, 8.2839, 49.8162



58.9430, -27.0869, 7.9430



31.1250, 0.4314, 1.6444



35.0450, 8.8518, 54.3345



80.9980, 20.7070, 125.4128

Previews

White Background



This preview shows how the YUV color 31.8410, 17.8264, -24.4166 looks on a white background.

Color Contrast Check

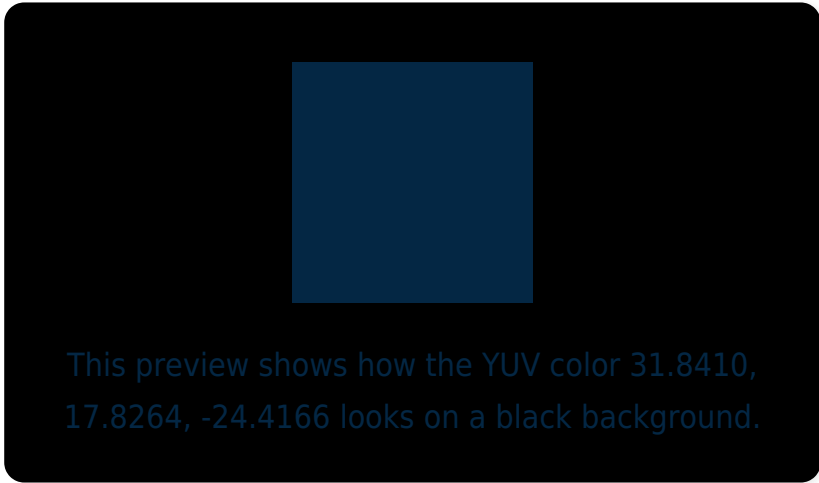
Large Text (above 18pt) WCAG AA ✓ Pass

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

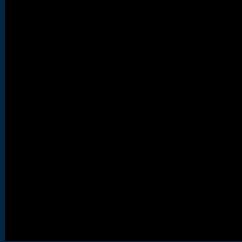
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.8410, 17.8264, -24.4166

Background



This preview shows how black text looks on a background with the YUV color 31.8410, 17.8264, -24.4166.



This preview shows how white text looks on a background with the YUV color 31.8410, 17.8264,

-24.4166.

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

31.8410, 17.8264, -24.4166

Protanopia

36.7180, 14.4360, -10.2767

Deuteranopia

33.3360, 17.0894, -21.3427



Tritanopia

29.7840, 7.5015, -26.1206

Trichromacy



Original Color

31.8410, 17.8264, -24.4166

Protanomaly

35.0270, 15.7627, -15.8097

Deuteranomaly

32.7380, 17.3842, -22.5722

Tritanomaly

30.4080, 11.1379, -25.7908

Monochromacy



Original Color

31.8410, 17.8264, -24.4166

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.8410, 17.8264, -24.4166 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(4, 39, 68)` looks like.

```
.text, #text, p{  
    color:rgb(4, 39, 68)  
}
```

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(4, 39, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 39, 68) }
```

Border

The CSS property to change the border of an element to YUV 31.8410, 17.8264, -24.4166 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(4, 39, 68) }
```


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

```
.border{ border-color:rgb(4, 39, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 39, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 39, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 39, 68); box-shadow:4px  
4px 4px 4px rgb(4, 39, 68) }
```

Background

The CSS property to change the background color of an element to YUV 31.8410, 17.8264, -24.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 39, 68) }
```

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

```
.background{ background-color: rgb(4, 39,  
68) }
```

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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