

Converting Colors

YIQ(28.8430, -24.4830, -2.3310)

Have a look what the booklet for
YIQ(28.8430, -24.4830, -2.3310)
contains.

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Color

**YIQ(28.8430, -24.4830,
-2.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	042534
RGB	4, 37, 52
RGB Percent	2%, 15%, 20%
CMY	0.9844, 0.8548, 0.7962
CMYK	0.92, 0.29, 0.00, 0.80
HSL	199°, 86%, 11%
HSV	199°, 92%, 20%
XYZ	1.3311, 1.5974, 3.4837
YIQ	28.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

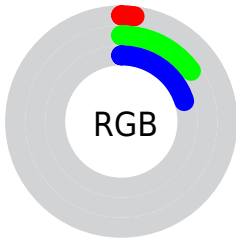
Format	Color
R_{YB}	4, 24, 52
Decimal	271668
CIE _{Lab}	13.21, -5.40, -13.12
CIE _{LCh}	13, 14.193, 247.618
Yxy	1.5974, 0.2076, 0.2491
Android (android.graphics.Color)	4278461748 (0xFF042534)
YUV	28.8430, 11.4164, -21.7873
Hunter-Lab	12.6388, -3.3190, -7.4954

Details

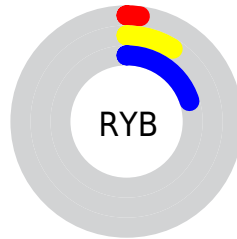
The YIQ color **28.8430, -24.4830, -2.3310** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.1570, 24.4830, 2.3310**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5660, -22.1450, -0.6490**, and **0.4560, -1.2840, 1.2440** is the 20% darker color. If you saturate the color by 10%, you get **27.0600, -26.5920, -2.6560**, and if you desaturate by 10%, it is **31.5120, -22.0530, -2.3170**.

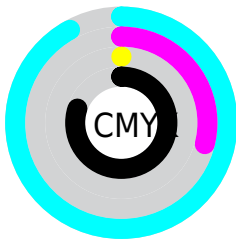
Distribution



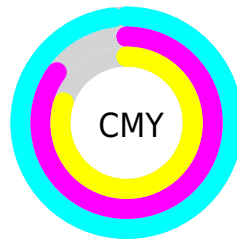
- Red (2%)
- Green (15%)
- Blue (20%)



- Red (2%)
- Yellow (9%)
- Blue (20%)



- Cyan (92%)
- Magenta (29%)
- Yellow (0%)
- Black (80%)



- Cyan (98%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.8430, -24.4830, -2.3310 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 YIQ color 28.8430, -24.4830, -2.3310 by changing the saturation by 10% instead.

■ 28.8430, -24.4830,
-2.3310

■ 28.8430, -24.4830,
-2.3310

■ 250.2160, -9.5360,
-3.3920

■ 12.9260, -14.3510,
1.2730

■ 75.5660, -22.1450,
-0.6490

■ 0.3420, -0.9630,
0.9330

■ 99.5660, -22.1450,
-0.6490

■ 0.0000, 0.0000,
0.0000

■ 124.6800,
-22.4660, -0.3380

■ 150.7940,
-22.7870, -0.0270

■ 177.4950,
-23.3830, -0.2390

■ 204.7230,

-24.0250, 0.3830

■ 232.7400,
-22.6950, -1.6950

■ 28.8430, -24.4830,
-2.3310

■ 28.8430, -24.4830,
-2.3310

■ 27.0600, -26.5920,
-2.6560

■ 31.5120, -22.0530,
-2.3170

■ 33.5940, -19.3480,
-1.7800

■ 36.5620, -16.3220,
-1.5540

■ 38.6440, -13.6170,
-1.0170

■ 41.3130, -11.1870,
-1.0030

■ 43.9820, -8.7570,
-0.9890

■ 46.0640, -6.0520,
-0.4520

■ 49.0320, -3.0260,
-0.2260

■ 51.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



28.1370, -25.4910, -6.0910



28.8430, -24.4830, -2.3310



32.8770, -12.6550, 3.5770

Triad

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



28.8430, -24.4830, -2.3310



34.7570, 14.1660, 7.5900



31.8440, 0.1390, -8.0290

Complementary

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



28.8430, -24.4830, -2.3310



27.1570, 24.4830, 2.3310

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.



32.8020, 9.1250, -5.6830



28.8430, -24.4830, -2.3310



34.4920, 16.2300, 3.2220

Square

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



28.8430, -24.4830, -2.3310



34.9890, 7.7010, 9.1170



33.9600, 14.6720, -1.5840



30.3420, -10.1310, -9.1310

Rectangle

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



28.8430, -24.4830, -2.3310



34.7640, -4.9070, 6.3330



33.9600, 14.6720, -1.5840



32.2250, 3.4400, -7.2800

Sweetspot

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



28.8430, -24.4830, -2.3310



57.6830, -9.3530, -1.2010



33.7720, -17.6940, -20.7500



27.9500, -5.7310, -0.7630



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



28.8430, -24.4830, -2.3310



34.5260, -33.8360, -3.5320



15.3420, -18.1580, 9.6980



24.5160, -1.5130, -0.1130



45.9530, -45.3440, -4.2240



112.2010, -110.6320, -10.4400

Inverse Universe

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



22.1140, 18.0150, 20.4390



24.9780, 24.5700, 28.2980



40.6580, 18.1580, -9.6980



24.1250, 1.1460, 1.2580



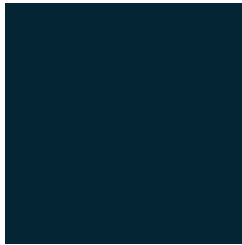
33.5650, 33.4630, 37.8390



81.8690, 81.5030, 92.3430

Previews

White Background



This preview shows how the YIQ color 28.8430, -24.4830, -2.3310 looks on a white background.

Color Contrast Check

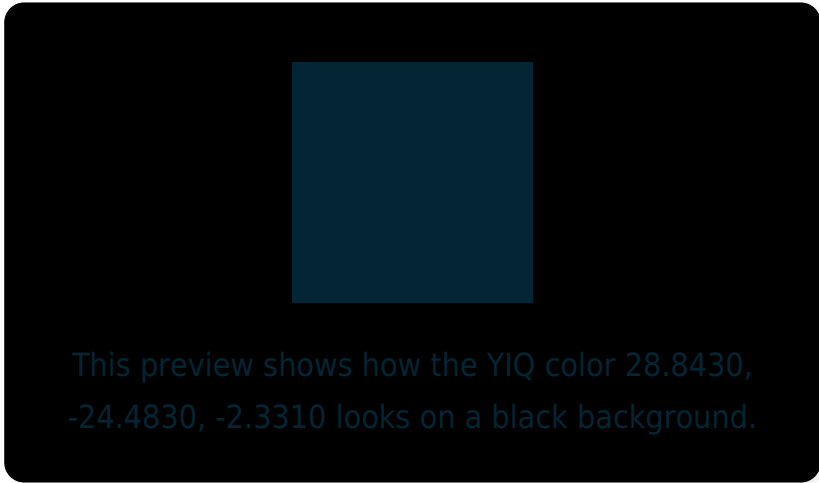
Large Text (above 18pt) WCAG AA ✓ Pass

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

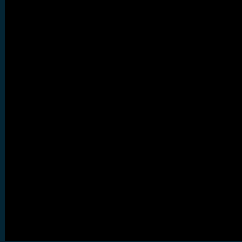
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

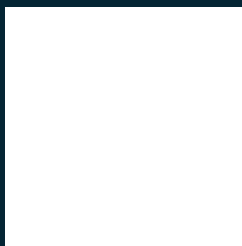
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 28.8430, -24.4830, -2.3310

Background



This preview shows how black text looks on a background with the YIQ color 28.8430, -24.4830, -2.3310.



This preview shows how white text looks on a background with the YIQ color 28.8430, -24.4830,

-2.3310.

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

28.8430, -24.4830, -2.3310

Protanopia

34.6280, -7.5200, 4.1280

Deuteranopia

33.7740, -10.8670, 4.2130



Tritanopia

26.9800, -23.6110, -7.1230

Trichromacy



Original Color

28.8430, -24.4830, -2.3310

Protanomaly

32.6380, -13.4800, 2.0080

Deuteranomaly

31.9690, -15.9100, 1.9940

Tritanomaly

27.7350, -24.2990, -5.6670

Monochromacy



Original Color

28.8430, -24.4830, -2.3310

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.8430, -24.4830, -2.3310 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, 37, 52)` looks like.

```
.text, #text, p{  
    color:rgb(4, 37, 52)  
}
```

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, 37, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 37, 52) }
```

Border

The CSS property to change the border of an element to YIQ 28.8430, -24.4830, -2.3310 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, 37, 52) }
```


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

```
.border{ border-color:rgb(4, 37, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 37, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 37, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 37, 52); box-shadow:4px  
4px 4px 4px rgb(4, 37, 52) }
```

Background

The CSS property to change the background color of an element to YIQ 28.8430, -24.4830, -2.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 37, 52) }
```

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

```
.background{ background-color: rgb(4, 37,  
52) }
```

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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