

Converting Colors

YIQ(28.1840, -15.6780,
-13.2300)

Have a look what the booklet for
YIQ(28.1840, -15.6780, -13.2300)
contains.

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Color

**YIQ(28.1840, -15.6780,
-13.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	052917
RGB	5, 41, 23
RGB Percent	2%, 16%, 9%
CMY	0.9805, 0.8392, 0.9099
CMYK	0.88, 0.00, 0.44, 0.84
HSL	150°, 78%, 9%
HSV	150°, 88%, 16%
XYZ	1.0103, 1.6808, 1.0812
YIQ	28.1840, -15.6780, -13.2300

Conversions

Conversions Part 2

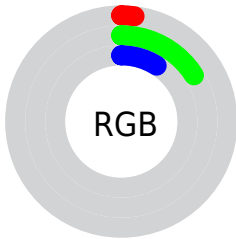
Format	Color
R_{YB}	5, 29, 41
Decimal	338199
CIE _{Lab}	13.71, -18.14, 8.24
CIE _{LCh}	14, 19.929, 155.563
Yxy	1.6808, 0.2678, 0.4456
Android (android.graphics.Color)	4278528279 (0xFF052917)
YUV	28.1840, -2.5557, -20.3324
Hunter-Lab	12.9647, -8.7787, 4.1310

Details

The YIQ color **28.1840, -15.6780, -13.2300** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.8160, 15.6780, 13.2300**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **73.8420, -14.7150, -14.1630**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.7600, -17.4200, -14.7000**, and if you desaturate by 10%, it is **29.6080, -13.9360, -11.7600**.

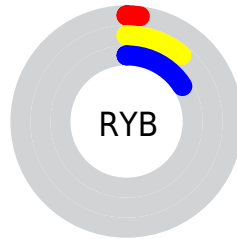
Distribution



Red (2%)

Green (16%)

Blue (9%)



Red (2%)

Yellow (11%)

Blue (16%)

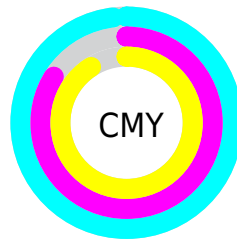


Cyan (88%)

Magenta (0%)

Yellow (44%)

Black (84%)



Cyan (98%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.1840, -15.6780, -13.2300 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 28.1840, -15.6780, -13.2300 by changing the saturation by 10% instead.

■ 28.1840, -15.6780,
-13.2300

■ 28.1840, -15.6780,
-13.2300

■ 248.0370,
-10.5900, -6.3180

■ 12.3270, -5.7750,
-10.9830

■ 73.8420, -14.7150,
-14.1630

■ 0.0000, 0.0000,
0.0000

■ 97.7280, -14.3940,
-14.4740


■ 123.0160,
-15.2650, -15.2090


■ 148.9020,
-14.9440, -15.5200


■ 175.4890,
-15.2190, -16.0430


■ 203.1900,


-15.8150, -16.2550


 231.6630,
-15.7690, -17.0890


 28.1840, -15.6780,
-13.2300


 28.1840, -15.6780,
-13.2300


 26.7600, -17.4200,
-14.7000


 29.6080, -13.9360,
-11.7600

 26.3470, -17.6950,
-15.2230

 31.0320, -12.1940,
-10.2900

 32.4560, -10.4520,
-8.8200

 33.8800, -8.7100,
-7.3500

 35.3040, -6.9680,
-5.8800

■ 37.0270, -4.6300,
-4.1980

■ 38.4510, -2.8880,
-2.7280

■ 39.8750, -1.1460,
-1.2580

■ 41.2990, 0.5960,
0.2120

Harmonies

Analogous

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



31.6930, 1.8820, -12.0860



28.1840, -15.6780, -13.2300



28.8720, -23.4270, -10.4590

Triad

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



28.1840, -15.6780, -13.2300



32.2010, -22.3750, 3.5210



34.5960, 21.8690, 5.6530

Complementary

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



28.1840, -15.6780, -13.2300



17.8160, 15.6780, 13.2300

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.



35.2030, 18.8420, 10.9540



28.1840, -15.6780, -13.2300



35.8830, -3.6240, 10.6160

Square

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



28.1840, -15.6780, -13.2300



29.7330, -29.9850, -1.7370



36.1790, 10.2220, 12.9900



33.8420, 20.8160, -2.8000

Rectangle

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



28.1840, -15.6780, -13.2300



30.0120, -26.6370, -7.3490



36.1790, 10.2220, 12.9900



34.7640, 21.4560, 7.6320

Sweetspot

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



28.1840, -15.6780, -13.2300



49.0160, -6.0970, -5.1450



31.8130, 1.4240, -14.8000



24.8530, -4.0800, -3.1520



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



28.1840, -15.6780, -13.2300



34.7760, -23.5170, -19.8450



30.1220, -21.1350, -7.9430



19.2880, -0.8710, -0.7350



54.0960, -36.5820, -30.8700



136.5280, -92.3260, -77.9100

Inverse Universe

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



17.8160, 15.6780, 13.2300



19.2240, 23.5170, 19.8450



15.8780, 21.1350, 7.9430



18.7120, 0.8710, 0.7350



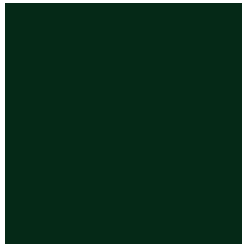
29.9040, 36.5820, 30.8700



75.4720, 92.3260, 77.9100

Previews

White Background



This preview shows how the YIQ color 28.1840, -15.6780, -13.2300 looks on a white background.

Color Contrast Check

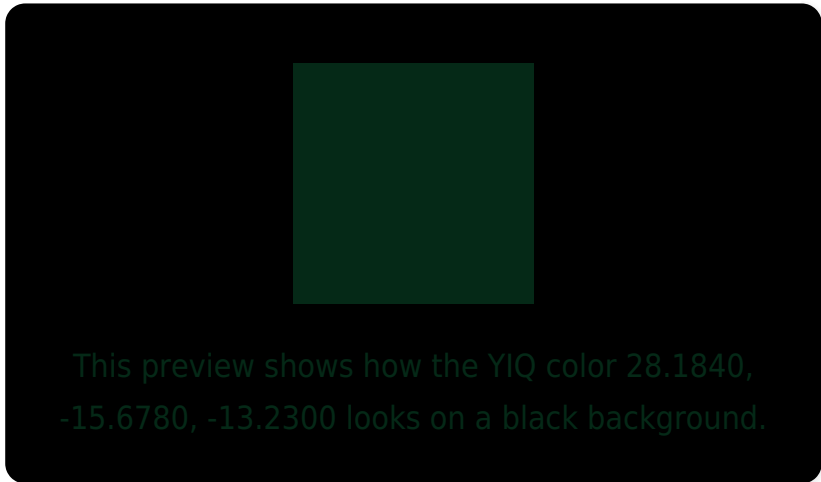
Large Text (above 18pt) WCAG AA ✓ Pass

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

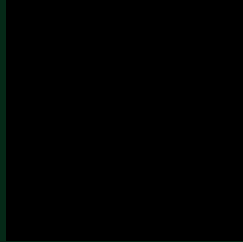
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.1840, -15.6780, -13.2300

Background



This preview shows how black text looks on a background with the YIQ color 28.1840, -15.6780, -13.2300.



This preview shows how white text looks on a background with the YIQ color 28.1840, -15.6780,

-13.2300.

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

28.1840, -15.6780, -13.2300

Protanopia

35.1870, 6.6030, -4.0290

Deuteranopia

35.3660, 7.6570, -1.1030



Tritanopia

32.4650, -14.6710, -3.9430

Trichromacy



Original Color

28.1840, -15.6780, -13.2300

Protanomaly

32.8870, -1.4200, -7.3080

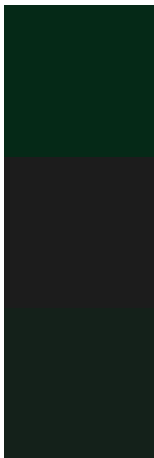
Deuteranomaly

33.1260, -0.5950, -5.7390

Tritanomaly

31.0580, -15.0830, -7.4910

Monochromacy



Original Color

28.1840, -15.6780, -13.2300

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.3150, -5.5010, -4.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.1840, -15.6780, -13.2300 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(5, 41, 23)` looks like.

```
.text, #text, p{  
    color:rgb(5, 41, 23)  
}
```

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(5, 41, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 41, 23) }
```

Border

The CSS property to change the border of an element to YIQ 28.1840, -15.6780, -13.2300 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(5, 41, 23) }
```


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

```
.border{ border-color:rgb(5, 41, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 41, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 41, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 41, 23); box-shadow:4px  
4px 4px 4px rgb(5, 41, 23) }
```

Background

The CSS property to change the background color of an element to YIQ 28.1840, -15.6780, -13.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 41, 23) }
```

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

```
.background{ background-color: rgb(5, 41,  
23) }
```

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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