

Converting Colors

YIQ(48.1260, -36.1260,
-17.1020)

Have a look what the booklet for
YIQ(48.1260, -36.1260, -17.1020)
contains.

YIQ(48.1260, -36.1260, -17.1020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(48.1260, -36.1260,
-17.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	03453B
RGB	3, 69, 59
RGB Percent	1%, 27%, 23%
CMY	0.9884, 0.7293, 0.7688
CMYK	0.96, 0.00, 0.15, 0.73
HSL	171°, 92%, 14%
HSV	171°, 96%, 27%
XYZ	2.9554, 4.5942, 4.8640
YIQ	48.1260, -36.1260, -17.1020

Conversions

Conversions Part 2

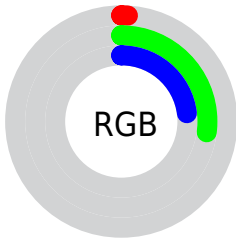
Format	Color
R_{YB}	3, 39, 69
Decimal	214331
CIE _{Lab}	25.55, -21.85, 0.67
CIE _{LCh}	26, 21.859, 178.253
Yxy	4.5942, 0.2381, 0.3701
Android (android.graphics.Color)	4278404411 (0xFF03453B)
YUV	48.1260, 5.3609, -39.5755
Hunter-Lab	21.4340, -12.8974, 1.5492

Details

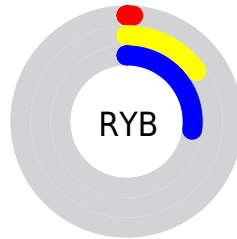
The YIQ color **48.1260, -36.1260, -17.1020** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **23.8740, 36.1260, 17.1020**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5890, -30.1200, -15.8160**, and **17.6730, -12.5610, -9.1450** is the 20% darker color. If you saturate the color by 10%, you get **47.2290, -37.9140, -17.7380**, and if you desaturate by 10%, it is **50.3330, -32.2750, -15.3070**.

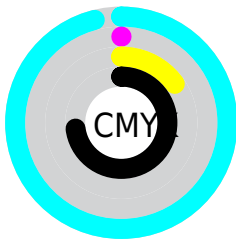
Distribution



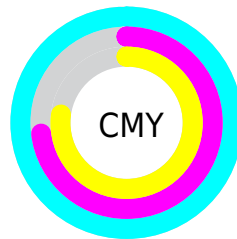
- Red (1%)
- Green (27%)
- Blue (23%)



- Red (1%)
- Yellow (15%)
- Blue (27%)



- Cyan (96%)
- Magenta (0%)
- Yellow (15%)
- Black (73%)





- Cyan (99%)
- Magenta (73%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 48.1260, -36.1260, -17.1020 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 48.1260, -36.1260, -17.1020 by changing the saturation by 10% instead.


 48.1260, -36.1260,
-17.1020


 48.1260, -36.1260,
-17.1020


 253.8040, -2.3840,
-0.8480


 31.2200, -24.5270,
-12.5510


 99.5890, -30.1200,
-15.8160


 18.2600, -12.8360,
-9.6680

 125.1760,
-30.3950, -16.3390

 0.0000, 0.0000,
0.0000


 151.1760,
-30.3950, -16.3390


 178.7630,
-30.6700, -16.8620


 206.4640,
-31.2660, -17.0740


 234.4640,


-31.2660, -17.0740

 245.1330,
-19.6680, -6.9960


 48.1260, -36.1260,
-17.1020


 48.1260, -36.1260,
-17.1020


 47.2290, -37.9140,
-17.7380

 50.3330, -32.2750,
-15.3070

 52.5400, -28.4240,
-13.5120

 54.7470, -24.5730,
-11.7170

 56.9540, -20.7220,
-9.9220

 58.8620, -17.4670,
-8.3390

■ 61.0690, -13.6160,
-6.5440

■ 63.2760, -9.7650,
-4.7490

■ 65.4830, -5.9140,
-2.9540

■ 67.6900, -2.0630,
-1.1590

Harmonies

Analogous

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



54.6960, -11.3680, -14.2480



48.1260, -36.1260, -17.1020



49.1670, -43.3710, -12.4510

Triad

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



48.1260, -36.1260, -17.1020



61.6590, -8.8050, 10.8990



60.2880, 25.4920, 0.5640

Complementary

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



48.1260, -36.1260, -17.1020



23.8740, 36.1260, 17.1020

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.



60.9280, 26.8660, 8.7060



48.1260, -36.1260, -17.1020



62.7490, 8.6170, 14.5450

Square

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



48.1260, -36.1260, -17.1020



56.8520, -28.7020, 2.5460



61.8660, 21.4090, 13.9930



59.2390, 18.0200, -7.1960

Rectangle

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



48.1260, -36.1260, -17.1020



49.6060, -45.9850, -9.1290



61.8660, 21.4090, 13.9930



60.3530, 26.8670, 3.1790

Sweetspot

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



48.1260, -36.1260, -17.1020



80.7700, -14.2120, -6.7560



45.0310, -11.5940, -32.1860



40.8740, -8.5730, -4.3250



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.



48.1260, -36.1260, -17.1020



60.9070, -48.8710, -22.9110



36.3520, -33.2860, -2.4860



34.6900, -2.0630, -1.1590



67.6890, -54.1890, -25.6530



155.1370, -124.0570, -59.0090

Inverse Universe

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



23.8740, 36.1260, 17.1020



28.2070, 48.5500, 23.2220



35.6480, 33.2860, 2.4860



33.3100, 2.0630, 1.1590



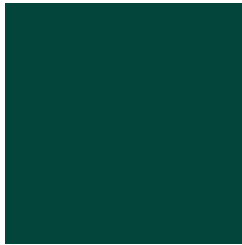
31.3110, 54.1890, 25.6530



71.8630, 124.0570, 59.0090

Previews

White Background



This preview shows how the YIQ color 48.1260, -36.1260, -17.1020 looks on a white background.

Color Contrast Check

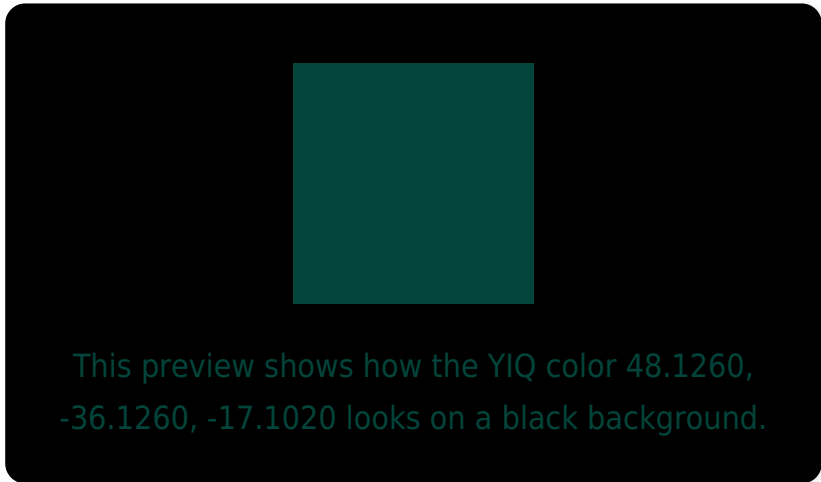
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1260, -36.1260, -17.1020

Background



This preview shows how black text looks on a background with the YIQ color 48.1260, -36.1260, -17.1020.



This preview shows how white text looks on a background with the YIQ color 48.1260, -36.1260,

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

48.1260, -36.1260, -17.1020

Protanopia

60.8000, 3.4390, -1.7530

Deuteranopia

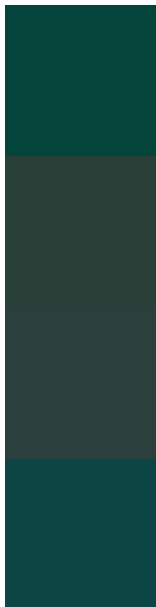
61.3210, 3.5300, 2.1060



Tritanopia

53.3320, -30.5340, -8.3100

Trichromacy



Original Color

48.1260, -36.1260, -17.1020

Protanomaly

56.2110, -11.1400, -7.3640

Deuteranomaly

56.6780, -10.9570, -5.1730

Tritanomaly

51.5550, -32.7800, -11.6600

Monochromacy



Original Color

48.1260, -36.1260, -17.1020

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.3680, -13.0200, -6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.1260, -36.1260, -17.1020 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(3, 69, 59)` looks like.

```
.text, #text, p{  
    color:rgb(3, 69, 59)  
}
```

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(3, 69, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 69, 59) }
```

Border

The CSS property to change the border of an element to YIQ 48.1260, -36.1260, -17.1020 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(3, 69, 59) }
```


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

```
.border{ border-color:rgb(3, 69, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 69, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 69, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 69, 59); box-shadow:4px  
4px 4px 4px rgb(3, 69, 59) }
```

Background

The CSS property to change the background color of an element to YIQ 48.1260, -36.1260, -17.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 69, 59) }
```

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

```
.background{ background-color: rgb(3, 69,  
59) }
```

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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