

Converting Colors

YIQ(61.3270, -41.3060,
-22.3460)

Have a look what the booklet for
YIQ(61.3270, -41.3060, -22.3460)
contains.

YIQ(61.3270, -41.3060, -22.3460)	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(61.3270, -41.3060,
-22.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	085745
RGB	8, 87, 69
RGB Percent	3%, 34%, 27%
CMY	0.9688, 0.6587, 0.7296
CMYK	0.91, 0.00, 0.21, 0.66
HSL	166°, 83%, 19%
HSV	166°, 91%, 34%
XYZ	4.5834, 7.3023, 6.7919
YIQ	61.3270, -41.3060, -22.3460

Conversions

Conversions Part 2

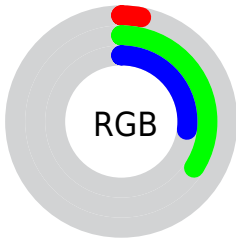
Format	Color
R_{YB}	8, 53, 87
Decimal	546629
CIE Lab	32.49, -27.00, 4.28
CIE LCh	32, 27.333, 170.998
Yxy	7.3023, 0.2454, 0.3910
Android (android.graphics.Color)	4278736709 (0xFF085745)
YUV	61.3270, 3.7828, -46.7678
Hunter-Lab	27.0227, -17.0139, 4.0139

Details

The YIQ color **61.3270, -41.3060, -22.3460** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33.6730, 41.3060, 22.3460**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **114.3880, -34.1080, -20.6360**, and **27.0310, -19.6210, -13.3570** is the 20% darker color. If you saturate the color by 10%, you get **58.7070, -45.4320, -24.6640**, and if you desaturate by 10%, it is **64.2460, -36.5840, -19.8160**.

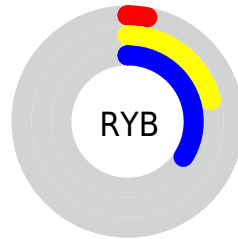
Distribution



Red (3%)

Green (34%)

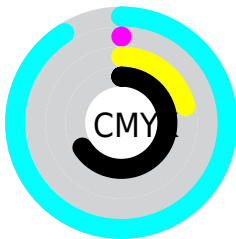
Blue (27%)



Red (3%)

Yellow (21%)

Blue (34%)

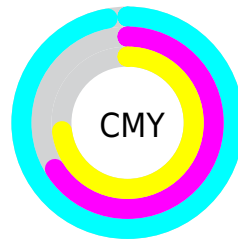


Cyan (91%)

Magenta (0%)

Yellow (21%)

Black (66%)



Cyan (97%)

Magenta (66%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.3270, -41.3060, -22.3460 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 61.3270, -41.3060, -22.3460 by changing the saturation by 10% instead.

■ 61.3270, -41.3060,
-22.3460

■ 61.3270, -41.3060,
-22.3460

■ 255.0000, -0.0000,
-0.0000

■ 42.3390, -32.4120,
-18.3320

■ 114.9750,
-34.3830, -21.1590

■ 27.0310, -19.6210,
-13.3570

■ 140.9750,
-34.3830, -21.1590

■ 9.3920, -4.4000,
-8.3680

■ 167.8610,
-34.0620, -21.4700


■ 0.0000, 0.0000,
0.0000


■ 195.4480,
-34.3370, -21.9930


■ 223.7360,
-35.2080, -22.7280


■ 239.8220,


-29.1580, -11.2220


 248.4220,
-13.1120, -4.6640


 61.3270, -41.3060,
-22.3460


 61.3270, -41.3060,
-22.3460


 58.7070, -45.4320,
-24.6640

 64.2460, -36.5840,
-19.8160

 66.8660, -32.4580,
-17.4980

 69.7850, -27.7360,
-14.9680

 72.7040, -23.0140,
-12.4380

 75.3240, -18.8880,
-10.1200

■ 78.2430, -14.1660,
-7.5900

■ 81.1620, -9.4440,
-5.0600

■ 84.0810, -4.7220,
-2.5300

■ 86.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



70.0180, -9.5790, -19.1390



61.3270, -41.3060, -22.3460



61.4430, -53.1360, -17.2000

Triad

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



61.3270, -41.3060, -22.3460



76.5210, -17.1040, 12.6240



76.0610, 33.5610, 3.0090

Complementary

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



61.3270, -41.3060, -22.3460



33.6730, 41.3060, 22.3460

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.



76.6840, 33.6050, 13.2290



61.3270, -41.3060, -22.3460



79.0140, 6.5530, 18.9130

Square

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



61.3270, -41.3060, -22.3460



67.3920, -47.9580, -0.9020



77.9960, 24.1590, 19.2230



75.0180, 25.9520, -7.7760

Rectangle

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



61.3270, -41.3060, -22.3460



62.3380, -57.0340, -12.6340



77.9960, 24.1590, 19.2230



76.6530, 34.8900, 6.4580

Sweetspot

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



61.3270, -41.3060, -22.3460



102.2320, -15.6330, -8.5370



59.7550, -10.9970, -37.5010



50.1620, -9.4440, -5.0600



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



61.3270, -41.3060, -22.3460



75.6620, -58.7270, -31.5190



51.0520, -41.3090, -5.7650



41.6900, -2.0630, -1.1590



72.2710, -56.0680, -30.1480



158.5790, -122.7260, -66.6140

Inverse Universe

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



33.6730, 41.3060, 22.3460



36.4520, 58.4060, 31.8300



43.9480, 41.3090, 5.7650



40.3100, 2.0630, 1.1590



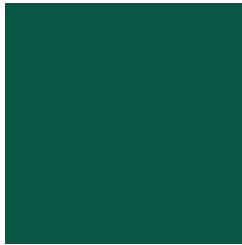
34.7290, 56.0680, 30.1480



76.4210, 122.7260, 66.6140

Previews

White Background



This preview shows how the YIQ color 61.3270, -41.3060, -22.3460 looks on a white background.

Color Contrast Check

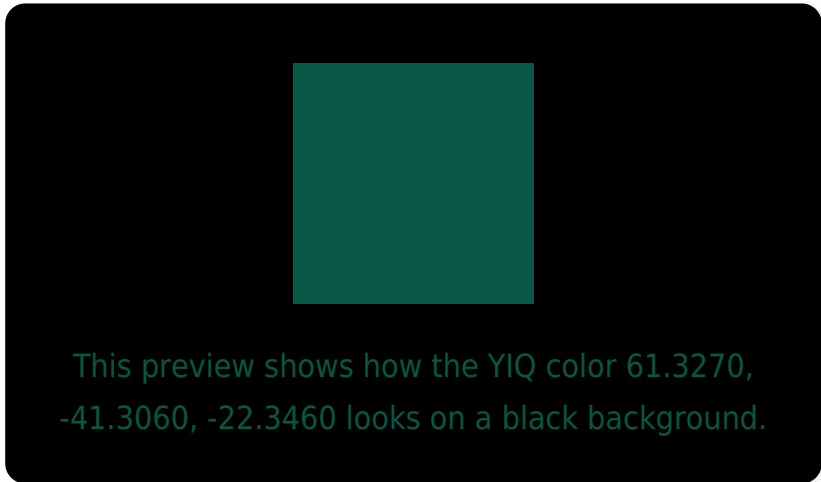
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.3270, -41.3060, -22.3460

Background



This preview shows how black text looks on a background with the YIQ color 61.3270, -41.3060, -22.3460.



This preview shows how white text looks on a background with the YIQ color 61.3270, -41.3060,

-22.3460.

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

61.3270, -41.3060, -22.3460

Protanopia

76.1270, 6.8320, -2.6720

Deuteranopia

77.0610, 7.1980, 1.7100



Tritanopia

67.7550, -36.2190, -9.9070

Trichromacy



Original Color

61.3270, -41.3060, -22.3460

Protanomaly

70.6300, -11.0020, -9.8660

Deuteranomaly

71.5100, -10.5440, -7.1520

Tritanomaly

65.3370, -38.0980, -14.4020

Monochromacy



Original Color

61.3270, -41.3060, -22.3460

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.9440, -14.7620, -7.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.3270, -41.3060, -22.3460 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(8, 87, 69)` looks like.

```
.text, #text, p{  
    color:rgb(8, 87, 69)  
}
```

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(8, 87, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 87, 69) }
```

Border

The CSS property to change the border of an element to YIQ 61.3270, -41.3060, -22.3460 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(8, 87, 69) }
```


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

```
.border{ border-color:rgb(8, 87, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 87, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 87, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 87, 69); box-shadow:4px  
4px 4px 4px rgb(8, 87, 69) }
```

Background

The CSS property to change the background color of an element to YIQ 61.3270, -41.3060, -22.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 87, 69) }
```

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

```
.background{ background-color: rgb(8, 87,  
69) }
```

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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