

Converting Colors

YIQ(66.9320, -40.8510, -3.0510)

Have a look what the booklet for
YIQ(66.9320, -40.8510, -3.0510)
contains.

YIQ(66.9320, -40.8510, -3.0510)	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(66.9320, -40.8510,
-3.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	1A506B
RGB	26, 80, 107
RGB Percent	10%, 31%, 42%
CMY	0.8981, 0.6862, 0.5806
CMYK	0.76, 0.25, 0.00, 0.58
HSL	200°, 61%, 26%
HSV	200°, 76%, 42%
XYZ	5.9470, 7.0204, 14.9387
YIQ	66.9320, -40.8510, -3.0510

Conversions

Conversions Part 2

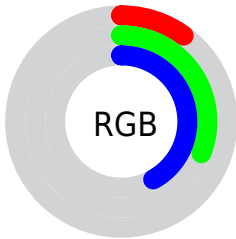
Format	Color
R_{YB}	26, 58, 107
Decimal	1724523
CIE _{Lab}	31.85, -7.77, -20.65
CIE _{LCh}	32, 22.059, 249.385
Yxy	7.0204, 0.2131, 0.2516
Android (android.graphics.Color)	4279914603 (0xFF1A506B)
YUV	66.9320, 19.7535, -35.8974
Hunter-Lab	26.4961, -6.3044, -14.8808




Details

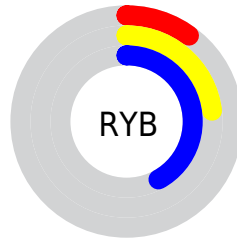
The YIQ color **66.9320, -40.8510, -3.0510** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **66.0680, 40.8510, 3.0510**, and the grayscale version is **67.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **118.2530, -37.3210, -0.9450**, and **27.8580, -28.8390, -0.4790** is the 20% darker color. If you saturate the color by 10%, you get **61.2950, -46.3070, -3.2910**, and if you desaturate by 10%, it is **72.5690, -35.3950, -2.8110**.

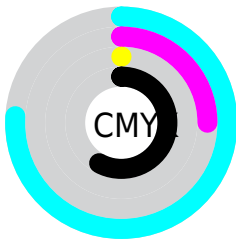
Distribution







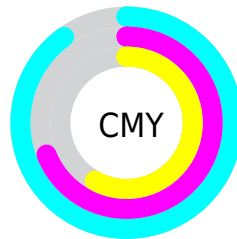
-  Red (10%)
-  Green (31%)
-  Blue (42%)






-  Red (10%)
-  Yellow (23%)
-  Blue (42%)



-  Cyan (76%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (90%)
-  Magenta (69%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.9320, -40.8510, -3.0510 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 66.9320, -40.8510, -3.0510 by changing the saturation by 10% instead.

■ 66.9320, -40.8510,
-3.0510

■ 66.9320, -40.8510,
-3.0510

■ 255.0000, -0.0000,
-0.0000

■ 42.9210, -42.3180,
-3.9980

■ 118.2530,
-37.3210, -0.9450

■ 27.8580, -28.8390,
-0.4790

■ 144.3670,
-37.6420, -0.6340

■ 12.5500, -16.0480,
4.4960

■ 171.4810,
-37.9630, -0.3230

■ 2.2970, -5.0900,
4.1420

■ 199.5950,
-38.2840, -0.0120

■ 0.0000, 0.0000,
0.0000

■ 225.8850,
-33.4690, -4.6770

■ 244.2360,

-21.4560, -7.6320

253.2060, -3.5760,
-1.2720

66.9320, -40.8510,
-3.0510

66.9320, -40.8510,
-3.0510

61.2950, -46.3070,
-3.2910

72.5690, -35.3950,
-2.8110

56.5440, -51.4420,
-3.8420

77.3200, -30.2600,
-2.2600

53.8750, -53.8720,
-3.8560

82.9570, -24.8040,
-2.0200

88.0070, -19.0730,
-1.2570

93.3450, -14.2130,
-1.2290

■ 98.3950, -8.4820,
-0.4660

■ 104.0320, -3.0260,
-0.2260

■ 109.0820, 2.7050,
0.5370

■ 114.4200, 7.5650,
0.5650

Harmonies

Analogous

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



59.6650, -53.6410, -13.5530



66.9320, -40.8510, -3.0510



73.7930, -21.0460, 6.9700

Triad

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



66.9320, -40.8510, -3.0510



76.0790, 25.1230, 12.7630



70.9700, -0.4560, -13.7680

Complementary

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



66.9320, -40.8510, -3.0510



66.0680, 40.8510, 3.0510

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.



73.3910, 14.5360, -10.1360



66.9320, -40.8510, -3.0510



75.4180, 28.2420, 5.7940

Square

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



66.9320, -40.8510, -3.0510



77.2120, 14.6230, 15.8310



74.6960, 24.1630, -2.8850



67.7490, -18.8870, -15.6470

Rectangle

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



66.9320, -40.8510, -3.0510



76.3710, -7.9340, 11.6340



74.6960, 24.1630, -2.8850



72.0200, 5.2750, -13.0050

Sweetspot

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



66.9320, -40.8510, -3.0510



124.5620, -16.3220, -1.5540



76.5110, -30.6210, -34.2770



61.4980, -10.2700, -1.1020



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



66.9320, -40.8510, -3.0510



77.3730, -64.1420, -4.9580



44.0390, -30.1260, 17.3460



51.0320, -3.0260, -0.2260



59.1240, -59.0070, -4.4070



123.6110, -123.4700, -9.0540

Inverse Universe

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



56.3750, 30.9420, 33.9660



60.6630, 48.4070, 53.3590



88.9610, 30.1260, -17.3460



50.2500, 2.2920, 2.5160



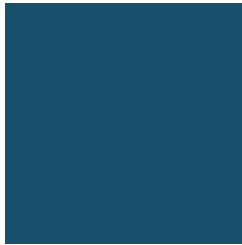
43.8750, 44.6940, 49.0620



91.8370, 93.6970, 102.6330

Previews

White Background



This preview shows how the YIQ color 66.9320, -40.8510, -3.0510 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



This preview shows how the YIQ color 66.9320, -40.8510, -3.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

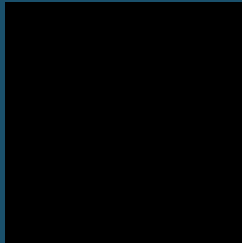
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.9320, -40.8510, -3.0510

Background



This preview shows how black text looks on a background with the YIQ color 66.9320, -40.8510, -3.0510.



This preview shows how white text looks on a background with the YIQ color 66.9320, -40.8510,

-3.0510.

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

66.9320, -40.8510, -3.0510

Protanopia

74.8000, -13.7560, 7.0120

Deuteranopia

73.9890, -18.6620, 7.8180



Tritanopia

58.9810, -51.7150, -15.4190

Trichromacy



Original Color

66.9320, -40.8510, -3.0510

Protanomaly

71.7170, -23.8880, 3.4080

Deuteranomaly

71.2760, -26.9600, 4.0160

Tritanomaly

61.7690, -48.0020, -11.1220

Monochromacy



Original Color

66.9320, -40.8510, -3.0510

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.1600, -15.1300, -1.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.9320, -40.8510, -3.0510 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(26, 80, 107)` looks like.

```
.text, #text, p{  
    color:rgb(26, 80, 107)  
}
```

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(26, 80, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 80, 107) }
```

Border

The CSS property to change the border of an element to YIQ 66.9320, -40.8510, -3.0510 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(26, 80, 107) }
```


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

```
.border{ border-color:rgb(26, 80, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 80, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 80, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 80, 107);  
box-shadow:4px 4px 4px 4px rgb(26, 80,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 66.9320, -40.8510, -3.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 80, 107) }
```

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

```
.background{ background-color: rgb(26, 80,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor