

Converting Colors

YIQ(79.0490, -10.8640,
-12.3680)

Have a look what the booklet for
YIQ(79.0490, -10.8640, -12.3680)
contains.

YIQ(79.0490, -10.8640, -12.3680)	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(79.0490, -10.8640,
-12.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5A46
RGB	61, 90, 70
RGB Percent	24%, 35%, 27%
CMY	0.7609, 0.6470, 0.7255
CMYK	0.32, 0.00, 0.22, 0.65
HSL	139°, 19%, 30%
HSV	139°, 32%, 35%
XYZ	6.6856, 8.7479, 7.1293
YIQ	79.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

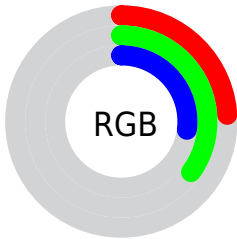
Format	Color
R_{YB}	61, 83, 90
Decimal	4020806
CIE _{Lab}	35.49, -15.56, 8.17
CIE _{LCh}	35, 17.576, 152.291
Yxy	8.7479, 0.2963, 0.3877
Android (android.graphics.Color)	4282210886 (0xFF3D5A46)
YUV	79.0490, -4.4612, -15.8290
Hunter-Lab	29.5769, -11.4109, 6.4123

Details

The YIQ color **79.0490, -10.8640, -12.3680** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.9510, 10.8640, 12.3680**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2230, -11.4140, -13.4140**, and **33.6900, -11.2310, -11.2230** is the 20% darker color. If you saturate the color by 10%, you get **75.6740, -14.3020, -16.1420**, and if you desaturate by 10%, it is **82.4240, -7.4260, -8.5940**.

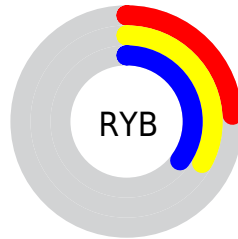
Distribution



 Red (24%)

 Green (35%)

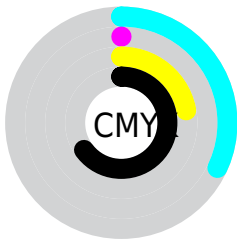
 Blue (27%)



 Red (24%)

 Yellow (33%)

 Blue (35%)

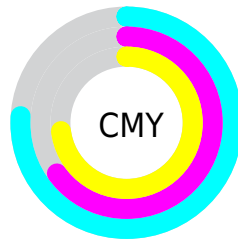


 Cyan (32%)

 Magenta (0%)

 Yellow (22%)

 Black (65%)



 Cyan (76%)

 Magenta (65%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.0490, -10.8640, -12.3680 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 79.0490, -10.8640, -12.3680 by changing the saturation by 10% instead.

■ 79.0490, -10.8640,
-12.3680

■ 79.0490, -10.8640,
-12.3680

■ 255.0000, -0.0000,
-0.0000

■ 55.5760, -10.9100,
-11.5340

■ 128.2230,
-11.4140, -13.4140

■ 33.6900, -11.2310,
-11.2230

■ 154.8100,
-11.6890, -13.9370

■ 14.6750, -6.8750,
-13.0750

■ 181.3970,
-11.9640, -14.4600

■ 0.0000, 0.0000,
0.0000

■ 209.3970,
-11.9640, -14.4600

■ 237.0980,
-12.5600, -14.6720

■ 251.8960, -5.6390,

-2.4310

■ 79.0490, -10.8640,
-12.3680

■ 79.0490, -10.8640,
-12.3680

■ 75.6740, -14.3020,
-16.1420

■ 82.4240, -7.4260,
-8.5940

■ 72.2990, -17.7400,
-19.9160

■ 85.7990, -3.9880,
-4.8200

■ 68.8100, -20.8570,
-24.0010

■ 89.2880, -0.8710,
-0.7350

■ 65.4350, -24.2950,
-27.7750

■ 92.6630, 2.5670,
3.0390

■ 62.0600, -27.7330,
-31.5490

■ 96.0380, 6.0050,
6.8130

■ 58.6850, -31.1710,
-35.3230

■ 99.4130, 9.4430,
10.5870

■ 56.0220, -33.7380,
-38.3620

■ 102.7880, 12.8810,
14.3610

■ 106.2770, 15.9980,
18.4460

■ 109.6520, 19.4360,
22.2200

Harmonies

Analogous

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



80.8180, 3.0280, -10.8280



79.0490, -10.8640, -12.3680



76.7470, -24.5730, -11.7170

Triad

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



79.0490, -10.8640, -12.3680



81.9950, -18.7990, 4.7930



84.4930, 23.6570, 6.2890

Complementary

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



79.0490, -10.8640, -12.3680



71.9510, 10.8640, 12.3680

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.



85.5020, 19.4380, 11.1660



79.0490, -10.8640, -12.3680



84.5840, -4.2200, 10.4040

Square

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



79.0490, -10.8640, -12.3680



78.3200, -30.2600, -2.2600



85.5810, 9.0300, 12.5660



83.6080, 21.5950, -0.3970

Rectangle

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



79.0490, -10.8640, -12.3680



76.0930, -31.3590, -9.8790



85.5810, 9.0300, 12.5660



85.2480, 22.9690, 7.7450

Sweetspot

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



79.0490, -10.8640, -12.3680



112.7990, -3.9880, -4.8200



84.0030, 3.9450, -10.9270



56.3370, -2.5670, -3.0390



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



79.0490, -10.8640, -12.3680



100.0110, -16.8690, -19.1810



80.6450, -15.3580, -8.0140



44.1630, -2.0170, -1.9930



68.4460, -41.1640, -46.9560



147.5550, -88.9290, -100.9370

Inverse Universe

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



71.9510, 10.8640, 12.3680



88.9890, 16.8690, 19.1810



70.3550, 15.3580, 8.0140



42.8370, 2.0170, 1.9930



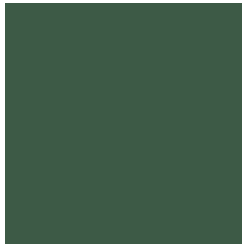
41.5540, 41.1640, 46.9560



89.5590, 88.6080, 101.2480

Previews

White Background



This preview shows how the YIQ color 79.0490, -10.8640, -12.3680 looks on a white background.

Color Contrast Check

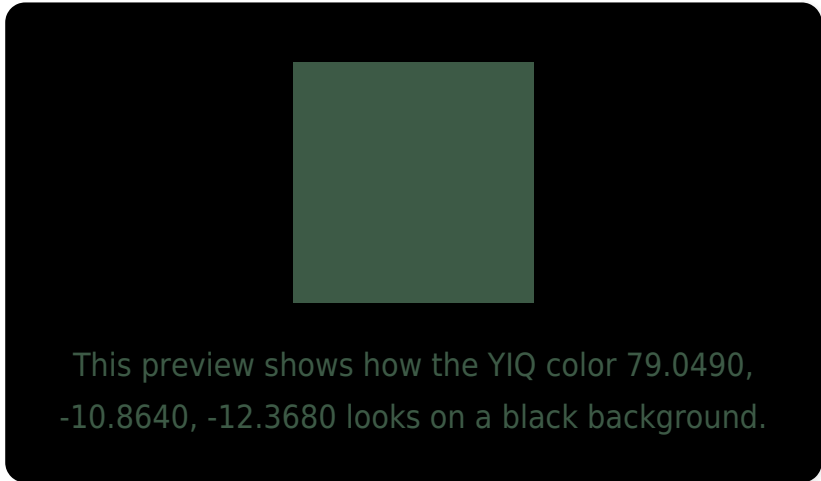
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.0490, -10.8640, -12.3680

Background



This preview shows how black text looks on a background with the YIQ color 79.0490, -10.8640, -12.3680.



This preview shows how white text looks on a background with the YIQ color 79.0490, -10.8640,

-12.3680.

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

79.0490, -10.8640, -12.3680

Protanopia

82.6710, 8.1160, -3.9160

Deuteranopia

83.5730, 11.5080, 0.6920



Tritanopia

81.5190, -14.7630, -2.2750

Trichromacy



Original Color

79.0490, -10.8640, -12.3680

Protanomaly

81.5560, 1.0100, -7.2940

Deuteranomaly

82.2190, 3.5770, -4.2550

Tritanomaly

80.4820, -13.3410, -6.0210

Monochromacy



Original Color

79.0490, -10.8640, -12.3680

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9130, -4.3090, -4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.0490, -10.8640, -12.3680 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(61, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(61, 90, 70)  
}
```

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(61, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 90, 70) }
```

Border

The CSS property to change the border of an element to YIQ 79.0490, -10.8640, -12.3680 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(61, 90, 70) }
```


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

```
.border{ border-color:rgb(61, 90, 70) }
```

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

Here you see how a box with a 4 pixel rgb(61, 90, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(61, 90, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.0490, -10.8640, -12.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 90, 70) }
```

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

```
.background{ background-color: rgb(61, 90,  
70) }
```

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