

Converting Colors

YIQ(90.1550, 9.6290, -3.8030)

Have a look what the booklet for
YIQ(90.1550, 9.6290, -3.8030)
contains.

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Color

**YIQ(90.1550, 9.6290,
-3.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	615A49
RGB	97, 90, 73
RGB Percent	38%, 35%, 29%
CMY	0.6196, 0.6471, 0.7137
CMYK	0.00, 0.07, 0.25, 0.62
HSL	42°, 14%, 33%
HSV	42°, 25%, 38%
XYZ	9.7889, 10.3345, 7.7844
YIQ	90.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

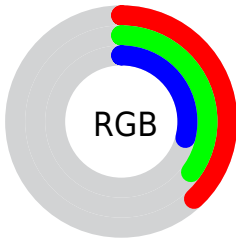
Format	Color
R_{YB}	83, 97, 73
Decimal	6380105
CIE Lab	38.44, -0.27, 10.85
CIE LCh	38, 10.851, 91.421
Yxy	10.3345, 0.3508, 0.3703
Android (android.graphics.Color)	4284570185 (0xFF615A49)
YUV	90.1550, -8.4574, 6.0031
Hunter-Lab	32.1473, -1.9045, 8.1461

Details

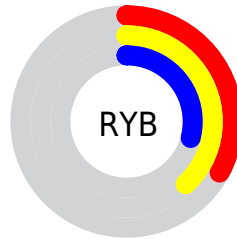
The YIQ color **90.1550, 9.6290, -3.8030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **79.8450, -9.6290, 3.8030**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.3400, 10.5460, -3.9020**, and **44.6710, 8.1160, -3.9160** is the 20% darker color. If you saturate the color by 10%, you get **87.2540, 13.6640, -5.3440**, and if you desaturate by 10%, it is **93.0560, 5.5940, -2.2620**.

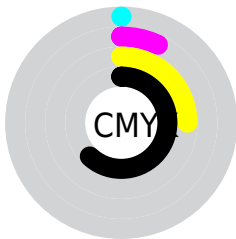
Distribution



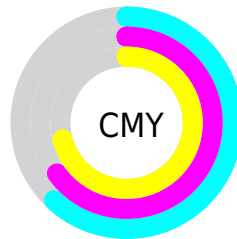
- Red (38%)
- Green (35%)
- Blue (29%)



- Red (33%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (7%)
- Yellow (25%)
- Black (62%)



- Cyan (62%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.1550, 9.6290, -3.8030 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 90.1550, 9.6290, -3.8030 by changing the saturation by 10% instead.

■ 90.1550, 9.6290,
-3.8030

■ 90.1550, 9.6290,
-3.8030

■ 255.0000, -0.0000,
-0.0000

■ 66.8560, 9.0330,
-4.0150

■ 140.3400, 10.5460,
-3.9020

■ 44.6710, 8.1160,
-3.9160

■ 166.5250, 11.4630,
-4.0010

■ 23.5140, 9.9960,
-4.9480

■ 193.5250, 11.4630,
-4.0010

■ 0.0000, 0.0000,
0.0000

■ 221.4110, 11.7840,
-4.3120

■ 249.2150, 9.4000,
-5.1600

■ 90.1550, 9.6290,
-3.8030

■ 90.1550, 9.6290,
-3.8030

■ 87.2540, 13.6640,
-5.3440

■ 93.0560, 5.5940,
-2.2620

■ 84.4670, 17.3780,
-6.5740

■ 95.8430, 1.8800,
-1.0320

■ 82.1530, 21.1380,
-8.6380

■ 98.1570, -1.8800,
1.0320

■ 79.2520, 25.1730,
-10.1790

■ 101.0580, -5.9150,
2.5730

■ 76.4650, 28.8870,
-11.4090

■ 103.9590, -9.9500,
4.1140

■ 73.5640, 32.9220,
-12.9500

■ 106.7460,
-13.6640, 5.3440

■ 70.6630, 36.9570,
-14.4910

■ 109.6470,
-17.6990, 6.8850

■ 69.5060, 38.8370,

■ 112.5480,

-15.5230

-21.7340, 8.4260

■ 114.7480,
-25.1730, 10.1790

Harmonies

Analogous

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



91.0140, 14.5800, 0.0840



90.1550, 9.6290, -3.8030



89.1540, 2.2020, -6.8700

Triad

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



90.1550, 9.6290, -3.8030



87.0840, -17.9720, -4.6920



92.2660, 5.3630, 7.4350

Complementary

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



90.1550, 9.6290, -3.8030



79.8450, -9.6290, 3.8030

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.



91.4330, -2.4770, 6.3470



90.1550, 9.6290, -3.8030



88.4910, -17.5600, -1.1440

Square

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



90.1550, 9.6290, -3.8030



87.6560, -13.8910, -7.0670



89.9480, -11.4170, 3.1670



91.8600, 12.3780, 6.9540

Rectangle

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



90.1550, 9.6290, -3.8030



88.4030, -2.9330, -7.4210



89.9480, -11.4170, 3.1670



92.0100, 3.2080, 7.9440

Sweetspot

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



90.1550, 9.6290, -3.8030



122.2130, 3.7140, -1.2300



80.9740, 12.0570, 7.2650



62.2560, 2.1550, -0.5090



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



90.1550, 9.6290, -3.8030



114.2110, 15.2230, -6.0650



92.7690, 4.7240, -8.5240



46.9570, 1.5590, -0.7210



79.8610, 45.0270, -17.5730



171.5500, 96.2900, -38.0300

Inverse Universe

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



79.8450, -9.6290, 3.8030



97.7890, -15.2230, 6.0650



77.2310, -4.7240, 8.5240



45.0430, -1.5590, 0.7210



32.1390, -45.0270, 17.5730



68.4500, -96.2900, 38.0300

Previews

White Background



This preview shows how the YIQ color 90.1550, 9.6290, -3.8030 looks on a white background.

Color Contrast Check

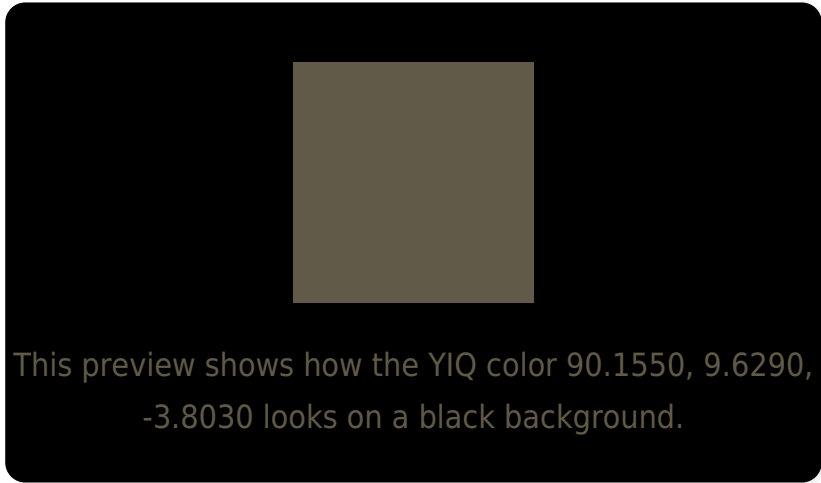
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

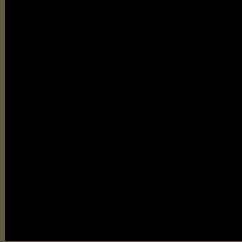
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.1550, 9.6290, -3.8030

Background



This preview shows how black text looks on a background with the YIQ color 90.1550, 9.6290, -3.8030.



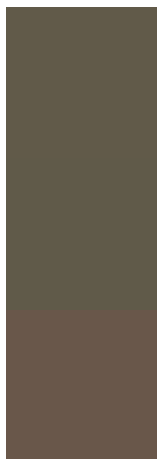
This preview shows how white text looks on a background with the YIQ color 90.1550, 9.6290,

-3.8030.

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

90.1550, 9.6290, -3.8030

Protanopia

89.8560, 9.0330, -4.0150

Deuteranopia

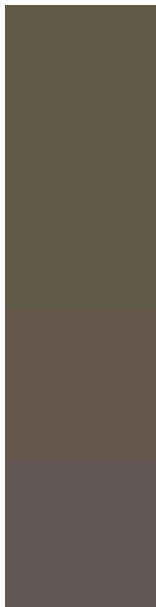
90.9000, 14.9010, -0.2270



Tritanopia

91.6850, 5.5010, 4.9330

Trichromacy



Original Color

90.1550, 9.6290, -3.8030

Protanomaly

89.8560, 9.0330, -4.0150

Deuteranomaly

90.5900, 12.8380, -1.3860

Tritanomaly

91.0610, 7.1980, 1.7100

Monochromacy



Original Color

90.1550, 9.6290, -3.8030

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.2130, 3.7140, -1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.1550, 9.6290, -3.8030 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(97, 90, 73)` looks like.

```
.text, #text, p{  
    color:rgb(97, 90, 73)  
}
```

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(97, 90, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 90, 73) }
```

Border

The CSS property to change the border of an element to YIQ 90.1550, 9.6290, -3.8030 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(97, 90, 73) }
```


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

```
.border{ border-color:rgb(97, 90, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 90, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 90, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 90, 73);  
box-shadow:4px 4px 4px 4px rgb(97, 90, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 90.1550, 9.6290, -3.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 90, 73) }
```

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

```
.background{ background-color: rgb(97, 90,  
73) }
```

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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