

Converting Colors

YIQ(87.5090, -8.8030, -0.1550)

Have a look what the booklet for
YIQ(87.5090, -8.8030, -0.1550)
contains.

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Color

**YIQ(87.5090, -8.8030,
-0.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5A61
RGB	79, 90, 97
RGB Percent	31%, 35%, 38%
CMY	0.6902, 0.6470, 0.6196
CMYK	0.19, 0.07, 0.00, 0.62
HSL	203°, 10%, 35%
HSV	203°, 19%, 38%
XYZ	9.0377, 9.8380, 12.7293
YIQ	87.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

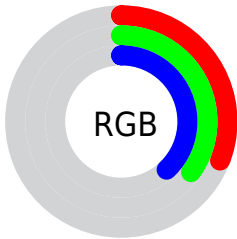
Format	Color
RYB	79, 86, 97
Decimal	5200481
CIELab	37.55, -2.60, -5.47
CIELCh	38, 6.055, 244.521
Yxy	9.8380, 0.2860, 0.3113
Android (android.graphics.Color)	4283390561 (0xFF4F5A61)
YUV	87.5090, 4.6791, -7.4624
Hunter-Lab	31.3656, -3.4566, -2.1062

Details

The YIQ color **87.5090, -8.8030, -0.1550** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.4910, 8.8030, 0.1550**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.3240, -9.7200, -0.0560**, and **42.3950, -8.4820, -0.4660** is the 20% darker color. If you saturate the color by 10%, you get **82.1710, -13.6630, -0.1830**, and if you desaturate by 10%, it is **92.8470, -3.9430, -0.1270**.

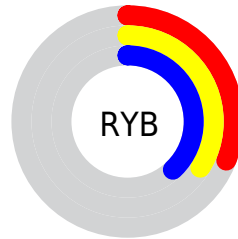
Distribution



Red (31%)

Green (35%)

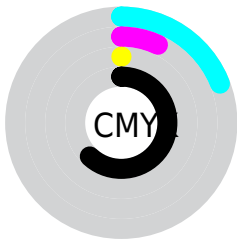
Blue (38%)



Red (31%)

Yellow (34%)

Blue (38%)

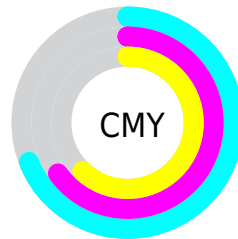


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (62%)



Cyan (69%)

Magenta (65%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.5090, -8.8030, -0.1550 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 87.5090, -8.8030, -0.1550 by changing the saturation by 10% instead.

■ 87.5090, -8.8030,
-0.1550

■ 87.5090, -8.8030,
-0.1550

■ 255.0000, -0.0000,
-0.0000

■ 64.3950, -8.4820,
-0.4660

■ 137.3240, -9.7200,
-0.0560

■ 42.3950, -8.4820,
-0.4660

■ 163.3240, -9.7200,
-0.0560

■ 21.3950, -8.4820,
-0.4660

■ 190.4380,
-10.0410, 0.2550

■ 0.3420, -0.9630,
0.9330

■ 218.4380,
-10.0410, 0.2550

■ 0.0000, 0.0000,
0.0000

■ 246.6830, -9.3530,
-1.2010

■ 87.5090, -8.8030,
-0.1550

■ 87.5090, -8.8030,
-0.1550

■ 82.1710, -13.6630,
-0.1830

■ 92.8470, -3.9430,
-0.1270

■ 77.1320, -17.9270,
0.0010

■ 97.8860, 0.3210,
-0.3110

■ 72.3810, -23.0620,
-0.5500

■ 102.6370, 5.4560,
0.2400

■ 67.0430, -27.9220,
-0.5780

■ 107.9750, 10.3160,
0.2680

■ 62.0040, -32.1860,
-0.3940

■ 113.0140, 14.5800,
0.0840

■ 56.6660, -37.0460,
-0.4220

■ 118.3520, 19.4400,
0.1120

■ 51.9150, -42.1810,
-0.9730

■ 123.1030, 24.5750,
0.6630

■ 46.5770, -47.0410,

■ 128.4410, 29.4350,

-1.0010

0.6910

■ 45.6910, -47.3620,
-0.6900

■ 133.4800, 33.6990,
0.5070

Harmonies

Analogous

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



86.8570, -9.9030, -2.2470



87.5090, -8.8030, -0.1550



88.5310, -5.8690, 1.7390

Triad

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



87.5090, -8.8030, -0.1550



89.5280, 7.3810, 3.9010



87.6640, 0.8260, -3.9580

Complementary

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



87.5090, -8.8030, -0.1550



88.4910, 8.8030, 0.1550

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.



88.1700, 5.2730, -1.9510



87.5090, -8.8030, -0.1550



88.9580, 8.9860, 2.3460

Square

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



87.5090, -8.8030, -0.1550



89.7880, 3.7130, 4.2970



88.8930, 7.6110, -0.2690



87.2120, -3.7130, -4.2970

Rectangle

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



87.5090, -8.8030, -0.1550



88.4390, -2.6140, 3.3220



88.8930, 7.6110, -0.2690



87.5610, 2.6140, -3.3220

Sweetspot

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



87.5090, -8.8030, -0.1550



120.8470, -3.9430, -0.1270



90.3640, -7.1970, -7.2370



61.3310, -2.4300, -0.0140



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.



87.5090, -8.8030, -0.1550



110.1710, -13.6630, -0.1830



82.2260, -6.3280, 4.5520



46.2170, -2.1090, -0.3250



53.2710, -54.9270, -1.2550



113.6490, -117.4650, -2.2410

Inverse Universe

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



85.6360, 7.1970, 7.2370



107.3100, 11.2310, 11.2230



93.7740, 6.3280, -4.5520



45.5380, 1.4210, 1.7810



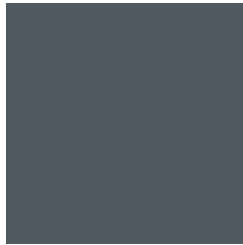
41.3540, 44.6030, 45.2030



88.5180, 95.8530, 96.5970

Previews

White Background



This preview shows how the YIQ color 87.5090, -8.8030, -0.1550 looks on a white background.

Color Contrast Check

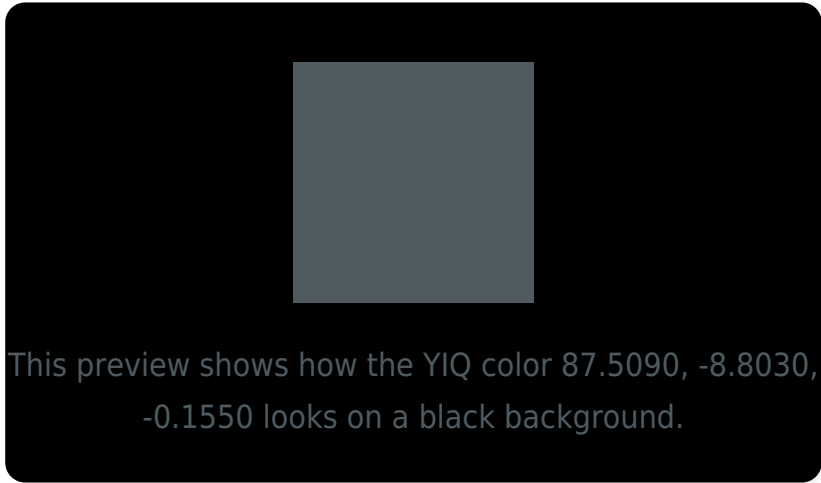
Large Text (above 18pt) WCAG AA ✓ Pass

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

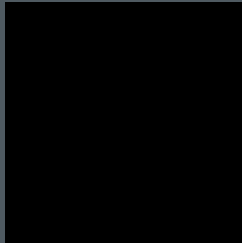
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

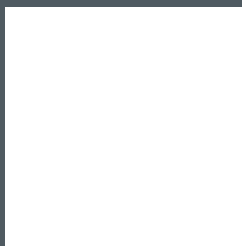
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 87.5090, -8.8030, -0.1550

Background



This preview shows how black text looks on a background with the YIQ color 87.5090, -8.8030, -0.1550.



This preview shows how white text looks on a background with the YIQ color 87.5090, -8.8030,

-0.1550.

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

87.5090, -8.8030, -0.1550

Protanopia

88.9120, -2.5680, 2.4880

Deuteranopia

89.1620, -0.2760, 5.0040



Tritanopia

87.5090, -8.8030, -0.1550

Trichromacy



Original Color

87.5090, -8.8030, -0.1550

Protanomaly

88.6020, -4.6310, 1.3290

Deuteranomaly

88.2540, -3.5310, 3.4210

Tritanomaly

87.5090, -8.8030, -0.1550

Monochromacy



Original Color

87.5090, -8.8030, -0.1550

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.5090, -8.8030, -0.1550 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(79, 90, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 90, 97)  
}
```

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(79, 90, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 90, 97) }
```

Border

The CSS property to change the border of an element to YIQ 87.5090, -8.8030, -0.1550 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(79, 90, 97) }
```


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

```
.border{ border-color:rgb(79, 90, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 90, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 90, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 90, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 90, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 87.5090, -8.8030, -0.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 90, 97) }
```

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

```
.background{ background-color: rgb(79, 90,  
97) }
```

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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